

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



68.12  
SPRING  
1936

# HAMILTON SEED & COAL CO.

LIBRARY  
RECEIVED  
★ MAR 23 1936 ★  
U. S. Department of Agriculture

You'll Want to Know  
What Flowers to Grow

Order from  
Pages 22-36 inclusive

HAMILTON SEED & COAL CO. - CEDAR RAPIDS, IOWA

# HAMILTON'S VEGETABLE COLLECTION

**Our Vegetable Seeds Will  
Insure a Successful  
Garden**

MARKET GARDENERS  
PRICE LIST ON  
REQUEST



YELLOW GLOBE  
ONION

See page 15

# Five New Valuable Vegetable Varieties

*—are hard to beat for quality and productiveness*

## ● Cucumber—STRAIGHT-8

Primarily bred for the shipping trade, but an ideal slicer for the home garden. Color is deep green and unusually free from objectionable stripping or tipping. When in best market conditions this variety typifies its name, running quite straight and eight inches in length. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.05;  $\frac{1}{2}$  lb., \$1.95, postpaid.

## ● Beet—PERFECTED DETROIT

This is a special inbred selection of Detroit Beet. It is medium sized, and was developed for uniform dark interior color. It is exceptionally fine for pickling and canning. Color is good both in small and matured size. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.45, postpaid.

## ● Cabbage—WISCONSIN BALL-HEAD Short Stem

This is a recent introduction in the Yellows resistant Cabbages. It is a true short stem, forming a head weighing about 6 pounds—color is light green. It matures slightly earlier than regular strains of Danish Ball Head—much more uniform than Wisconsin No. 8. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25, postpaid.

## ● Sweet Corn—KINGSCROST 12-Row Bantam

An early maturing 12 row hybrid Corn, similar to Golden Cross, but maturing about 6 days earlier. Excellent quality, and has proven very successful for market and home garden. A good canner. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

## ● Carrot—Morse's Bunching

This is a special development for the market garden and shipping trade. It is long and cylindrical, and is of fine, crisp quality. The average length would be 7 to 8 inches. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 90c; lb., \$1.70, postpaid.

**Be sure to include  
these new varieties  
in your garden list**

Kingscrost Hybrid  
12 Row

Morse Bunching Carrot



Straight-8  
Cucumber



# Save on these Specialties



Packed one set in a box. **29c**

## GARDEN SET

Three - Piece Garden Set, consisting of a standard Garden Trowel, a Transplanting Trowel, with narrow blade, and a Hand Weeder or Mulcher. All made of heavy pressed steel and handsomely finished in black enamel.

**29c**



Have Every Feature You Want  
in a Garden Glove

**All-Leather—DIRT PROOF—Durable  
SOFT — Comfortable — WASHABLE**

*Easy on the hands and easy to wear!*

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair, postpaid (2 pr. \$1.40.)



## BAMBOO LAWN RAKES

First quality in all respects, teeth and head securely fastened by iron strap and bolt. An ideal broom for the lawn.

**19c**

Each.....



## Spading Fork



You can't make a garden without one of these

**\$1.00**

## THE RAIN MAKER

Ideal sprinkler for lawn or garden; easy to attach.

Price, each .....

**79c**



## HEDGE SHEAR

*—The Blades will stay sharp—  
—The Handles will not come off—*

**PRICE 95c EA.**

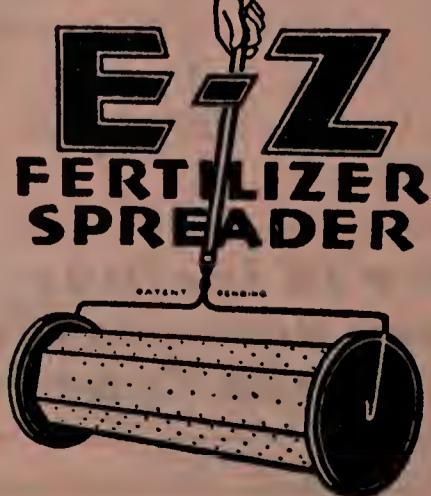
## NEWEST, QUICKEST WAY TO APPLY PLANT FOOD TO YOUR LAWN

**PRICE 85c EA.**

The old messy way is done away with by the use of this new patented device.

Packed in a compact box—full instructions for assembling in the package.

It is so simple to operate that a child can run it. No wasting of fertilizer as it is efficient and does the fertilizing quickly. You'll find it fun to operate it.



## Garden Spade

Strong,  
well made—

Just the thing  
for spading up your garden **\$1.25**

# HAMILTON'S

1936

## *Home and Garden Catalogue*

To our Customers and Friends:

We are pleased to send you our 1936 Garden Seed and Plant catalogue. In it you will find the latest improved varieties of vegetables and flower seeds, as well as spring bulbs, shrubs, plants, fruit and ornamental trees.

For 67 years Hamilton's have strived to serve their customers with only the highest quality merchandise. Our seed crops are produced in growing sections best adapted to their perfect development and hardiness. All plants, shrubs, fruit and ornamental trees are grown locally and especially adapted to your growing conditions.

We sincerely thank our many customers for their past patronage and wish to assure each and every one that we will continue to offer the highest quality stocks at prices within reach of all.

Yours truly,

HAMILTON SEED AND COAL CO.

### **IN ORDERING**

If possible, use our order sheet which will be found just inside of back cover. This will assist us in prompt filling of your order.

**OUR TERMS** are strictly cash with order. Remittance should be made by postal or express money order or check. Small amounts may be sent in stamps.

**PRICES** on garden and flower seed usually hold good throughout the spring season. We reserve the right to revise these prices after our present stocks are exhausted and must be replaced at different price levels.

**HAWKEYE BRAND FARM SEEDS** may be obtained through your local seed dealer. If he is unable to furnish you with your requirements write us for prices.

**MARKET GARDENERS** should write for our special prices on large quantities. You will find our prices right.

**IOWA SALES TAX:** Effective January 1, 1936, the sale of seeds, roots, bulbs, small plants, shrubbery, hedges and small trees are subject to the regular IOWA SALES TAX. Except **FARM SEEDS**, also **GARDEN SEEDS** when sold to Market Gardeners whose crop is for resale.

### **BUY EARLY and SAVE**

For cash prepaid orders received by us on or before April 1, 1936—We offer these reductions. Only flower and vegetable seeds can be included.

|   |
|---|
| For seed orders totalling \$1.00 you pay \$0.90 |
| For seed orders totalling 2.00 you pay 1.80     |
| For seed orders totalling 3.00 you pay 2.70     |
| For seed orders totalling 4.00 you pay 3.60     |
| For seed orders totalling 5.00 you pay 4.50     |

Orders for more than \$5.00 are at the same rate of 10% reduction or 10c on the dollar.

**WE CAN MAKE THIS OFFER** because of several reasons which we mention.

We are able to save on the postage when larger amounts are ordered. We are able to give quicker and better service.

We are confident that you save money. You will receive the highest quality seeds at a minimum of cost. By ordering early, all of

your requirements will be filled so that you have your seeds in time for early sowing.

**WE want you to buy ALL YOUR SEEDS** of us. We will at all times strive to give you complete satisfaction.

### **PARCEL POST RATES**

| ZONE                      | First pound<br>or fraction | Each additional<br>pound |
|---------------------------|----------------------------|--------------------------|
| Local                     | 7c                         | 1c                       |
| 1st zone up to 50 miles   | 8c                         | 1c                       |
| 2nd zone 50 to 150 miles  | 8c                         | 1c                       |
| 3rd zone 150 to 300 miles | 9c                         | 2c                       |

Local rate applies to Cedar Rapids rural routes only.

# HAMILTON'S Vegetable Seeds will insure a successful garden

## ASPARAGUS

When starting an asparagus bed from seed, it is advisable to soak the seed for 24 hours before planting. This makes germination more rapid and certain. Sow in spring in rows about 18 inches apart, allowing 15 to 20 seeds to the foot. Cover 2 inches deep. When plants are well established, thin to about an inch apart. Hoe frequently during the summer. The plants will be ready to set in a permanent bed the following spring.

**MARY WASHINGTON.** A strain selected from Martha Washington. It is a little earlier and more vigorous than the original. The shoots are slightly ovoid in shape, firm and tender and richly flavored. Pkt., 5c; oz., 15c; 1/4 lb., 30c, postpaid.

## BEANS

Plant beans after all danger of frost is past, in warm, dry, well-prepared soil. The rows should be 2 to 3 feet apart and the seeds covered 1 1/2 to 2 inches deep. Thin the young plants to 3 to 6 inches apart in the rows.

Shallow cultivation should be frequent until

blossoming; then stop to avoid injury to the roots. (Root injury causes the blossoms to fall off.) For succession, plant every 2 weeks until midsummer. Frequent picking of the crop insures long bearing. Two pounds of seed sow 100 feet, and 60 pounds sow 1 acre.

### Green Beans

#### Bush

**BURPEE STRINGLESS GREEN POD.** 53 days. High quality for home and market garden. Plant large, thrifty, heavily productive. Pods medium green; 5 1/2 inches long, almost 1/2 inch wide and equally thick; very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown. Pods similar to Giant Stringless Green Pod and Full Measure, but a trifle shorter and thicker. Pkt., 5c; 1/2 lb., 17c; 1 lb., 30c; 2 lbs., 55c, postpaid.

Burpee's Stringless Green Pod

**WHITE KIDNEY.** Ripe in 100 days. High quality large bean for use dry. Plant large with tendency to form runners; hardy, heavily productive. Pods 6 to 6 1/2 inches long. Dry beans large, long kidney shape; white. Also called Royal Dwarf Kidney. Pkt., 00c; 1/2 lb., 00c; 1 lb., 30c; 2 lbs., 50c, postpaid.

**RED VALENTINE.** 52 days. One of the most dependably productive for home and market garden, unexcelled in quality for snaps. Plant medium sized, erect, compact, hardy. Pods medium green; 4 1/2 to 5 inches long, 3/8 inch thick; wider than thick; very slightly stringy; extremely fleshy; brittle, fine grained, tender. Seeds purplish-red splashed with buff; of irregular shape. Pkt., 5c; 1/2 lb., 17c; 1 lb., 30c; 2 lbs., 55c, postpaid.

**GIANT STRINGLESS GREEN POD.** 53 days. One of the best for home and market garden; very desirable for canning. Plant large, hardy, heavily productive. Pods medium green, 6 to 6 1/2 inches long, 3/8 to 7/16 inch thick, round; very fleshy, brittle, and stringless. Seeds glossy yellowish-brown. Pkt., 5c; 1/2 lb., 17c; 1 lb., 30c; 2 lbs., 55c, postpaid.

**BOUNTIFUL.** 48 days. Very desirable for home and market garden; particularly valuable for early shipping. Plant large, thrifty, prolific. Pods clear light green; 6 1/2 to 7 inches long, over 1/2 inch wide, flat. 3/8 inch thick; fleshy, very slightly fibrous, stringless, brittle and tender. Seeds straw yellow. Pkt., 5c; 1/2 lb., 17c; 1 lb., 35c; 2 lbs., 60c, postpaid.

**DWARF HORTICULTURAL.** Snap pods 53 days; green shell beans 60 days. Particularly desirable green shell and snap sort for home and market garden. Plant medium small, thrifty and productive. Pods dark green at snap stage, becoming greenish-yellow splashed with carmine; 5 to 5 1/2 inches long, 5/8 inch wide and flat at snap stage, becoming almost round at green shell stage; strictly stringless, slightly fibrous. Seeds plump oval, pinkish-buff, spotted and streaked with purplish-red. Pkt., 5c; 1/2 lb., 17c; 1 lb., 35c; 2 lbs., 60c, postpaid.

**EARLY MARROW PEA OR WHITE NAVY.** (The common white pea bean of commerce.) Ripe in 90 to 100 days. Plant large with tendency to form runners; hardy, very prolific; ripens uniformly. Pods 4 inches long. Dry beans small, white. Pkt., 5c; 1/2 lb., 12c; 1 lb., 20c; 2 lbs., 35c, postpaid.

### Pole—Green Pod

**KENTUCKY WONDER (Old Homestead).** 65 days. This most popular of all pole beans should be in every garden. The dark green pods are round and long, measuring 9 to 10 inches; they are always stringless as snaps, and never become tough. Seeds dun-colored. Pkt., 5c; 1/2 lb., 17c; 1 lb., 35c; 2 lbs., 60c, postpaid.

**LAZY WIFE.** 74 days. Excellent for snaps, green shell, and dry shell beans for home and market garden. Good climber, heavily productive. Pods medium green; 6 to 6 1/2 inches long, 3/4 inch wide; thick, straight, fleshy, stringless, brittle, tender. Seeds plump white. Pkt., 5c; 1/2 lb., 17c; 1 lb., 35c; 2 lbs., 60c, postpaid.

**SCARLET RUNNER.** About in season with pole limas. Good climber. Flowers scarlet, decorative. Pods dark green; 6 inches long; flat oval; fleshy; desirable for snaps and green shell beans. Seeds kidney-shaped, flat; dark purple spotted with reddish-buff. Pkt., 5c; 1/2 lb., 17c; 1 lb., 35c; 2 lbs., 60c, postpaid.

**Market  
Gardeners  
Price  
List  
on  
Request**



## Wax or Yellow Pod Beans

**PENCIL POD WAX.** 52 days. Very desirable for home and market garden and for truckers. Plant large and thrifty; heavily productive over long period. Pods handsome bright yellow; 5½ to 6 inches long, ¾ inch thick, cylindrical; very fleshy, stringless, brittle, fine grained, and tender; quality unexcelled. Seeds black. Pkt., 5c; ½ lb., 17c; 1 lb., 30c; 2 lbs., 55c, postpaid.

**BRITTLE WAX or ROUND POD KIDNEY WAX.** 52 days. Especially valuable for the home garden as well as for canning. Plant erect, medium large, prolific. Pods handsome, waxy light yellow; 5½ to 6 inches long, round, fully ¾ inch thick; very fleshy, brittle, stringless, without fibre; of highest quality. Seeds white with brownish-black eye. Pkt., 5c; ½ lb., 17c; 1 lb., 30c; 2 lbs., 55c, postpaid.

**DAVIS WHITE WAX.** 52 days. Well adapted for shipping. Plant large and thrifty. Pods uniform and attractive; light yellow; 6 inches long, ½ inch wide, thick, oval; fleshy and tender when young but become somewhat fibrous and stringy. Seeds white and excellent for baking. Pkt., 5c; ½ lb., 17c; 1 lb., 30c; 2 lbs., 55c, postpaid.



### HAWKEYE Golden Wax

#### Early Rust Proof Variety

48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4½ to 5 inches long, ½ inch wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet-carmine and purple. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid.

#### KENTUCKY WONDER WAX.

67 days. Good climber, heavily productive. Pods waxy yellow; 8 inches long, ½ inch wide, almost as thick as wide; practically

stringless, fleshy, brittle, tender. Seeds chocolate brown. Pkt., 5c; ½ lb., 17c; 1 lb., 35c; 2 lbs., 60c, postpaid.

## LIMA or butter BEANS

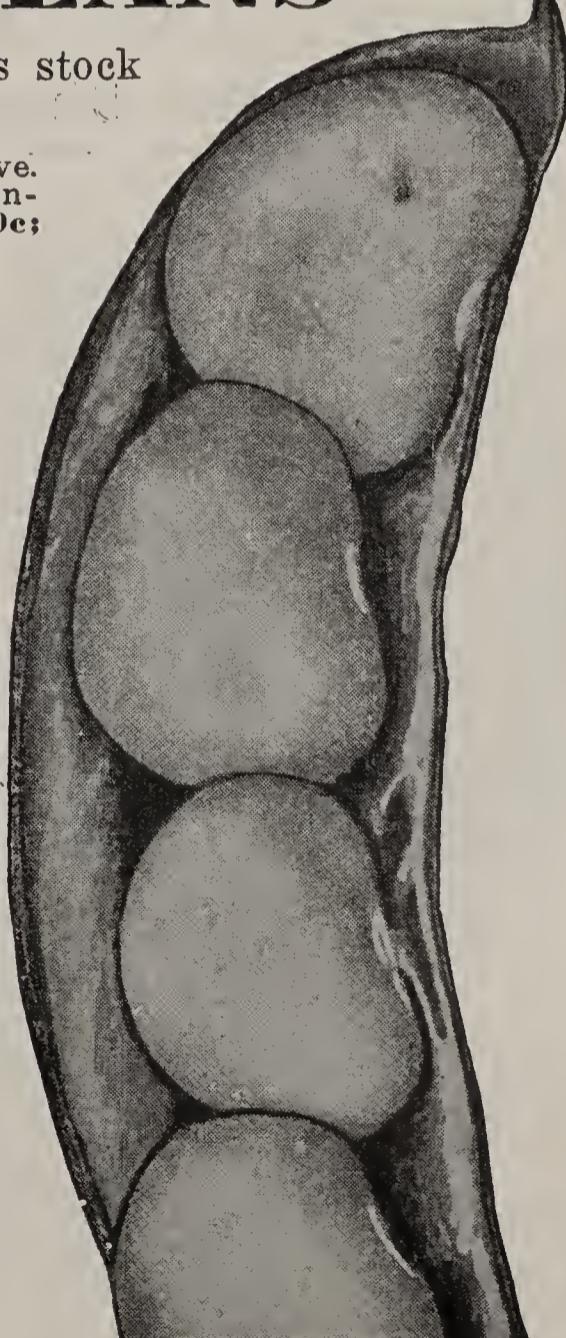
Always plant Lima Beans with the "eye" down. Surplus stock may be ripened on the vines, dried and kept for winter use.

**BURPEE'S IMPROVED BUSH.** 75 days. Plant large, heavily productive. Pods large, 4½ to 5 inches long, 1½ inches wide, ¾ inch thick; usually contain 4 large, thick beans. Dry beans large, flat, greenish-white. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.

**FORDHOOK BUSH LIMA** (Potato Lima). 75 days. Plant large, erect, heavily productive. Pods 4 to 4½ inches long; stout, 1¼ inches wide, ½ inch thick; contain 3 to 4 seeds. Green shell beans large, very plump, of the highest quality. Dry beans large, very plump; white. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.

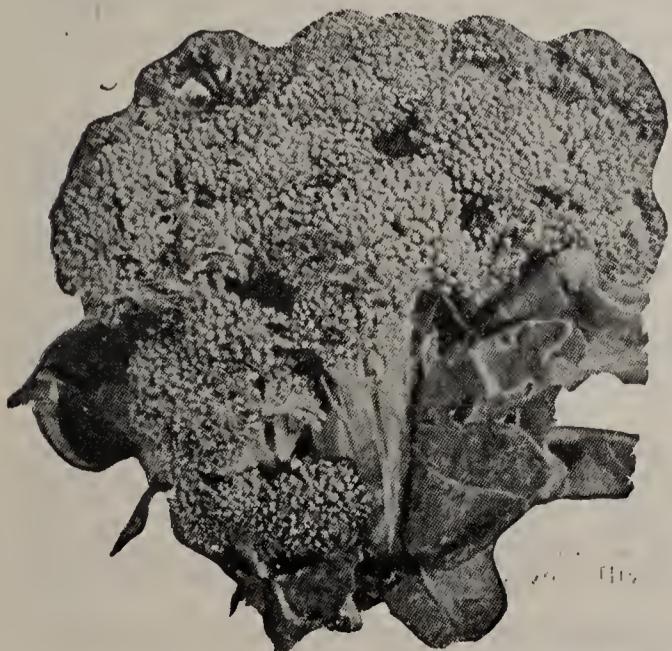
**HENDERSON'S BUSH** (Baby Lima). 65 days. Very popular for canning. Plant medium large, heavily productive. Pods small; 3 inches long, ½ inch wide, ¼ inch thick; contain 3 to 4 seeds. Green shell beans small, flat, of splendid quality. Dry beans white. This is the bush form of Small White Lima (Carolina or Sieva). Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid.

**KING OF THE GARDEN.** 88 days. Good climber, heavily productive. Pods 6 inches long, 1¼ inches wide, ¾ inch thick; straight, with 4 or 5 beans. Seeds large, thick, flat; white. An improved form of Large White Lima. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.



## BROCCOLI

**ITALIAN GREEN SPROUTING.** This vigorous plant is entirely different from the white heading sorts. Cultivated like cabbage, it bears a succession of sprouting heads which, if kept cut, will be replaced by others for 8 or 10 weeks. Each sprout, about 5 inches long, ends in a small head of deep green buds. Many think this vegetable superior in flavor to cauliflower. Pkt., 5c; ½ oz., 25c; 1 oz., 40c, postpaid.



Fordhook Bush Lima

# GARDEN BEETS

Seed should be sown at the rate of one ounce to 100 feet of row. The rows should be spaced 18 to 24 inches apart. Work the soil well and cover the seeds about an inch deep. A rich sandy loam is most favorable, but nearly all types of soil will produce beets if sufficiently fertilized and properly tilled.

When the seedlings are about an inch tall it is well to thin them to about one-half inch apart. When they have grown 5 or 6 inches, the alternate plants in the row may be pulled and used for greens. This can be repeated as often as the roots touch in the rows or until they reach good table size. Beets are usually most tender and succulent when about 2 inches in diameter.

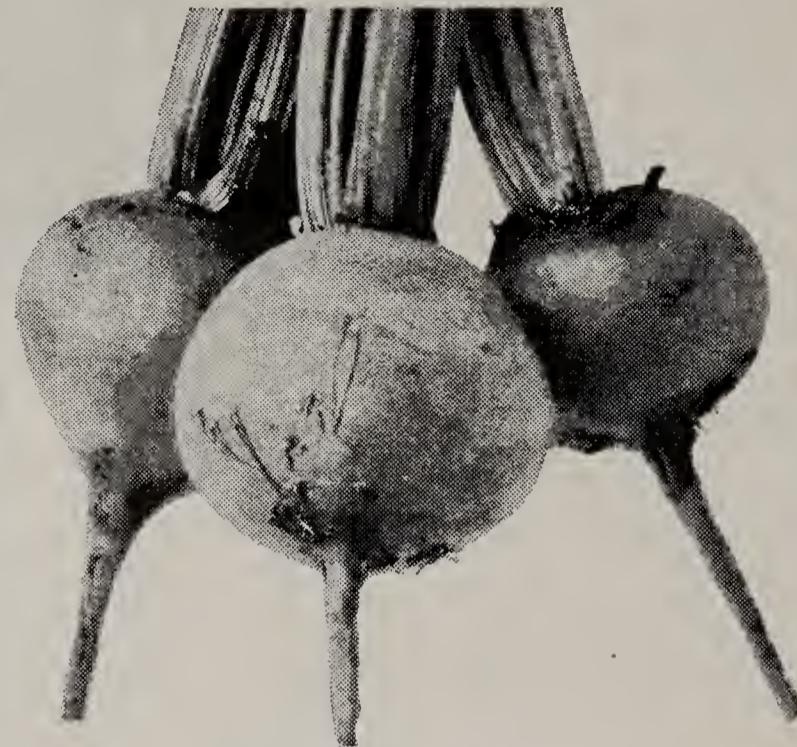
By planting at intervals of two to three weeks until July, greens and beets will be supplied regularly until late fall. The roots from the later plantings may be stored and kept for winter use.

## Detroit Dark Red

### The Market Gardeners Choice

52 to 55 days. The standard of excellence in table beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap-root; very dark blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of deep blood-red meat; remains tender and of highest quality until roots are full grown. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

**EARLY WONDER.** 50 to 55 days. Very desirable for home and market garden. Tops small. Root flattened globe-shape with small collar and tap-root; dark purplish-red. Flesh deep purplish-red zoned a lighter shade. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.



Extra Early Egyptian

## Swiss Chard

(Spinach Beet)

Only the tops of this beet are used, like spinach, and the succulent stalks and midribs may be prepared in the same way as asparagus.

The plants are cultivated like beets except that they should be thinned to 8 or 10 inches apart. If only the outer leaves are gathered, the inner leaves will continue to grow, and repeated pickings can be made.

**LUCULLUS.** The fleshy crumpled leaves of this variety make very choice greens. The plant grows erect, the stalks are rounded and finely ribbed, and the foliage is a rich deep green in color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c, postpaid.

White Ribbed  
Dark Green  
Swiss Chard

**LARGE RIBBED, DARK GREEN.** The smooth or slightly crumpled leaves are dark glossy green; stem and midribs broad and comparatively thick. Distinct from other chards and favored by many because of its superior flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c, postpaid.



**EARLY BLOOD TURNIP, Improved.** 60 days. For home and market garden. Tops medium small, but fairly coarse. Roots deep turnip-shaped; dark purplish-red. Flesh deep purplish-red zoned with a lighter shade. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

**EXTRA EARLY EGYPTIAN BLOOD TURNIP.** 50 days. Best for forcing and particularly valuable for early market. Tops small and upright; roots flattened, with long slender tap-roots; flesh dark purplish-red zoned lighter. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

**CROSBY'S EGYPTIAN (Original Strain).** 50 to 55 days. Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shape, with small tap-root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

## Mangel Wurzel

The roots give an immense yield of valuable stock feed. Plant early in the spring in rows 2½ feet apart. The seeds should be 1 inch apart in the row and covered by 1½ inches of soil firmly pressed down.

Cultivate frequently. When the plants are 3 inches high, begin to thin until the roots are 10 inches apart. One ounce of seed plants 100 feet, and 5 pounds plant an acre.

**MAMMOTH LONG RED.** Superior to strains offered as Norbiton Giant, Colossal, Monarch, etc. Roots very large; long spindle shape, straight and thick; grow  $\frac{1}{3}$  to  $\frac{1}{2}$  out of ground; light red; flesh white tinged with rose. Oz., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.

**GOLDEN TANKARD.** Heavy cropper; easily harvested. Roots large; thick oval, nearly cylindrical; light gray above, deep orange below ground; flesh yellow with white zones. Oz., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.

**GIANT HALF SUGAR, ROSE TOP.** Roots long oval, tapered; grayish-white with rose-colored shoulder; flesh white, rich in sugar. Oz., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.

### For Making Sugar or Feeding

**KLEIN WANZLEBEN.** The most desirable beet for sugar manufacture; valuable for stock feeding. Roots medium large; 12 to 15 inches long, 3½ to 4 inches at shoulder, tapered; white with a tinge of gray; very rich in sugar content; good keeper. Oz., 5c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c, postpaid.

### Brussels Sprouts

**HALF DWARF.** Plants 30 inches tall, very dependable; stem well covered with small firm cabbage-like balls of about 1½ inches in diameter which mature in succession. Pkt., 5c; oz., 25c, postpaid.

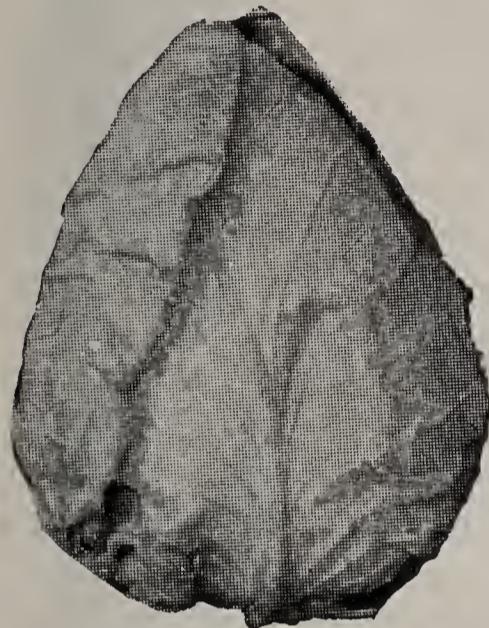
### Collards

**GEORGIA.** The leading and best variety. A form of loose-headed cabbage that usually succeeds in locations where other sorts of cabbage cannot be grown to perfection. In the South they continue to grow all winter long and the tender tops are cooked like ordinary Cabbage, which they resemble greatly in flavor. One ounce will sow 300 feet of row. Pkt., 5c; oz., 10c; postpaid.

# CABBAGE

For early cabbage, plants may be started indoors or under glass as early as March 1st. They should be spaced 3 inches apart each way when pricked out into boxes and should be gradually hardened off by exposure to cooler outdoor conditions. They may be transplanted in the open as soon as the ground can be properly prepared. The days indicated are the average

number required to produce heads ready for market from the time the young plants are set in the field. No better seed is obtainable than our pure bred strains.



Early Jersey Wakefield

so uniform as the original strain, but with the round head and crisp tenderness of the parent cabbage. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.40, postpaid.

**EARLY JERSEY WAKEFIELD.** 62 days. Extremely early variety very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing close planting; stem short. Heads firm and conical; usually 7 inches long, 5 inches thick near the base, weight, 2 to  $2\frac{1}{4}$  lbs. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10, postpaid.

**GOLDEN ACRE (Yellows-Resistant).** 62 to 64 days. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 lbs. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller. It is practically as early as Early Jersey Wakefield. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.75, postpaid.

**COPENHAGEN MARKET.** 66 days. Distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early kraut variety. Plant small, compact, allowing very close planting; stem short; heads uniformly round; firm; become 6 to 7 inches in diameter, weight  $3\frac{1}{2}$  to 4 lbs. Interior clear white and of excellent quality. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.40, postpaid.

**EARLY DWARF FLAT DUTCH.** 71 days. Excellent for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep, and weigh  $4\frac{1}{2}$  to 5 lbs.; firm and of high quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c, postpaid.

## Late Varieties

**FERRY'S PREMIUM LATE FLAT DUTCH.** 105 days. The best very large, late cabbage; popular for home and market garden and for fall shipment; a good keeper. Heads very large and flat, but deep; become 12 to 14 inches across, 7 inches deep, and weigh 12 to 14 lbs. or more; firm and of good quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10, postpaid.

**WISCONSIN No. 8 (Yellows Resistant).** Splendid late cabbage for storage, shipment, and kraut manufacture. Strain developed out of Ferry's Hollander at the University of Wisconsin; heavy yielder on land infested so badly with the yellows disease that other varieties fail completely. Plants large and very hardy. The heads are large, globular to flattened globe-shape, very firm, weigh 7 to 9 lbs.; of excellent quality, and keep well until spring. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20;  $\frac{1}{2}$  lb., \$2.35, postpaid.

**DANISH BALL HEAD.** With the exception of Ferry's Hollander, this is the best late cabbage. The plants are medium sized with short stem. Heads large; flattened globe-shape; become 8 to 9 inches across, 6 to 7 inches deep, and weigh 7 to 9 lbs. Very firm and solid; of excellent quality; keep perfectly in storage until late spring. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.35, postpaid.

**ALL SEASONS (Yellows-Resistant).** 90 days. Splendid general purpose cabbage; good winter keeper; widely used for kraut; remarkably thrifty in hot dry weather. Heads large; commonly 10 to 11 inches across, 8 inches deep and weigh 9 to 10 lbs.; of splendid quality. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.10;  $\frac{1}{2}$  lb., \$1.90, postpaid.

### HOLLANDER.

Decidedly the best variety of late cabbage. Heads become firm while still rather small, reach good marketable size 90 to 100 days after setting plants in the field, but continue to enlarge, becoming mature in about 120 days. Plants medium small, allowing closer planting than any other late cabbage; short stemmed; erect and compact; extremely hardy. Heads spherical;  $6\frac{1}{2}$  to 7 inches in diameter, weight 6 to 7 lbs.; remarkably firm and solid, of splendid quality, and keep perfectly in storage until late spring. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10;  $\frac{1}{2}$  lb., \$2.00, postpaid.



Copenhagen Market

**MAMMOTH ROCK RED.** 90 days. An excellent red cabbage; splendid winter keeper. Heads round to slightly flattened globe-shape; commonly 7 inches in diameter and weigh about 7 lbs.;

very hard; deep purplish-red. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10, postpaid.



Premium Late Flat Dutch

# CARROTS

Carrots require about the same simple care as beets, they have no serious insect enemies, and they are rarely attacked by disease. Since freshly manured soil often causes divided roots, it is best to plant them in soil that has been richly fertilized the previous season. Plant the seed one-half inch deep in loose, well prepared soil, making rows 16 to 24 inches apart. Cultivate as soon as the plants are well established and thin to 2 or 4 inches in the row according to the size of the variety. Plantings may be made from early spring until mid-June. For winter storage the later date is advisable. One ounce for 100 ft. of row, 4 lbs. per acre.

**CHANTENAY.** 70 days. A splendid carrot; extensively grown for winter storage. Heavy yielder. Roots deep reddish-orange; become 5½ to 6 inches long, 2½ inches thick at top; tapered; stump-rooted; flesh deep orange. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00, postpaid.

**DANVERS, Half Long.** 75 days. Very productive and popular for home and market garden; much used for shipping. Roots bright deep orange, 6 to 7 inches long, 1¾ inches thick, uniformly tapered to the blunt end. Flesh bright orange, crisp, and tender. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00, postpaid.



Danvers, Half Long

**EARLY SCARLET HORN.** 63 days. Popular for early market. Tops small. Roots reddish-orange; 3 inches long, 1½ inches at the shoulder, and tapered to about 1 inch thick at the blunt end; flesh reddish-orange, fine grained, sweet, and tender. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 55c; lb., 95c, postpaid.

**RED CORED CHANTENAY.** 70 days. This is a distinct improvement over the well known Chantenay, especially in color, texture, and quality of flesh. Roots 5½ to 6 inches long, 2¼ inches thick at the shoulder; tapered, stump-rooted; flesh and core reddish-orange, fine grained and tender; of sweet, delicate flavor. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00, postpaid.

**NANTES, Stump Rooted.** 68 days. One of the best for home garden and early market. Tops small. Roots bright orange; 6 to 7 inches long, 1¾ inches thick; cylindrical, stump-rooted. Flesh bright orange; core inconspicuous. Similar to much that is offered under the term "coreless." Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00, postpaid.

**OX-HEART or GUERANDE.** 75 days to produce roots of good table size. Especially desirable for field culture on heavy soil; good keeper and much used for stock feed. Roots scarlet-orange; broad, blunt, heart-shaped; become 4½ to 5 inches long; easily harvested. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00, postpaid.

**IMPROVED LONG ORANGE.** 85 days. A heavy cropper on light soils; much grown for stock. Roots scarlet-orange; 10 to 12 inches long, 2 inches thick at the top; tapered, pointed. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00, postpaid.

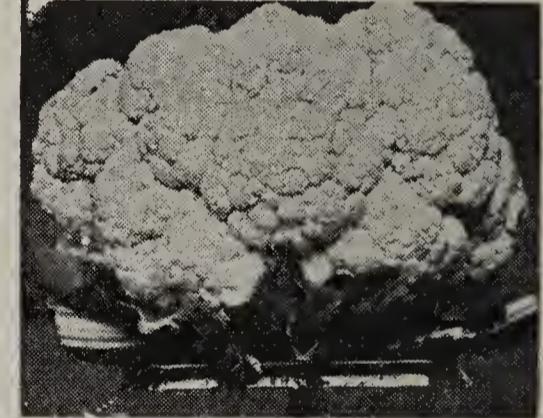
**WHITE BELGIAN. In Ground.** Late; heavily productive; grown for stock. Roots 8 to 10 inches long, 3 to 4 inches thick at the top; tapered, pointed. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c, postpaid.

Red Cored Chantenay



## CAULIFLOWER

Until lately cauliflower has been considered hard to grow. However, the same methods that produce good cabbage will grow good cauliflower. The only great difference is that cauliflower heads must be protected from sun light so as to make sure of the desirable white curd. This is most easily accomplished by gathering the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads. One ounce of seed will produce about 2,000 plants.



Early Snowball Cauliflower

**EARLY SNOWBALL.** 52 days. The best for greenhouse forcing, early market, and shipping. Plants very dwarf. Heads snow white; deep, smooth, compact; about 6 inches across, weight 1½ to 2 lbs.; the standard of excellence in cauliflower. Pkt., 10c; ¼ oz., 50c; ½ oz., 95c; oz., \$1.75, postpaid.

**EXTRA EARLY DWARF ERFURT.** 57 days. Very early variety for home, market garden, and shipping. Plants dwarf, short stemmed. Heads snow white; roundish, compact; commonly weigh about 2 lbs.; similar to Early Snowball, but usually a little later than our strain. Pkt., 10c; ¼ oz., 45c; ½ oz., 80c; oz., \$1.50, postpaid.

**DANISH GIANT, Dry Weather.** 65 days. Dependable variety to plant at the same time as Early Snowball, the crop being ready when Snowball has been harvested; one of the most dependable in adverse, dry weather. Plants dwarf, short stemmed; larger than Early Snowball. Heads large, 6 to 7 inches across, commonly weigh 2 lbs.; white with tinge of cream; of splendid quality. Pkt., 10c; ¼ oz., 45c; ½ oz., 80c; oz., \$1.50, postpaid.



Golden Self Blanching Celery

A row of celery in the home garden will supply a family with this delicious vegetable until late in the fall. Its hardiness and adaptability to various soils and weather conditions make it a very desirable crop to grow. One ounce of seed will produce about 5,000 plants.

**GOLDEN YELLOW SELF BLANCHING, Tall.** Early and particularly desirable for home and market garden, though not so desirable for shipping as the dwarf type of Golden Yellow Self Blanching. Plants fairly tall and compact with firm stalks, 26 to 28 inches tall, which blanch readily and are of splendid quality. Pkt., 5c; ½ oz., 20c; oz., 35c, postpaid.

**WHITE PLUME.** Valuable for early market. Foliage green, tinted white; stalks and foliage blanch very readily to snowy-white. Pkt., 5c; ½ oz., 15c; oz., 25c, postpaid.

**GIANT PASCAL.** Matures late. Desirable for home and market garden. Plant large and compact. Leaf stalks long, thick, and solid; of unsurpassed rich, nutty flavor. Pkt., 5c; ½ oz., 15c; oz., 25c, postpaid.

## CELERIAC (Turnip Rooted Celery)

Sow seed at the same season and give the same treatment as common celery. Transplant to moist, rich soil, in rows 2 feet apart and 6 inches apart in row. Give thorough culture. It is not necessary to earth up or "handle" the plants. After the roots have attained a diameter of 2 inches, they are fit for use.

**LARGE SMOOTH PRAGUE.**  
An improved variety of turnip-rooted celery producing large tubers of nearly globular shape and comparatively smooth surface. Pkt., 5c; oz., 20c, postpaid.



Chinese Cabbage

**Chinese Cabbage**  
75 days. Healthful and tasty, either cooked or raw. Chinese Cabbage is becoming quite popular in the South. Can be served like lettuce, or it makes a delicious coleslaw. Boiled, it is far more palatable than ordinary Cabbage.

### Chihli

A sure-heading variety with erect, dark green leaves which enclose a cylindrical pointed head 18 to 20 inches long. The heads are very compact and are white with a delicate tint of green. Pkt., 5c; 1/2 oz., 15c; oz., 25c., postpaid.

**Collards**  
**TRUE GEORGIA.** Withstands heat and makes delicious greens. A vigorous variety, 3 feet tall, carrying a great quantity of large, succulent leaves. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c, postpaid.

## Corn Salad

**LARGE SEEDED, LARGE LEAVED.** This is a small, quick growing salad plant for late fall, winter and spring use. The leaves are used as a substitute for lettuce and spinach.

During August or September sow the seed in shallow drills about 1 foot apart, covering with about 1/4 inch of fine soil firmly pressed down. Price, pkt., 5c; oz., 10c; 1/4 lb., 30c, postpaid.

### Citron

**PRESERVING.** (100 days.) Impossibly productive. Makes beautiful clear, nearly transparent preserves. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 75c, postpaid.

### Brussels Sprouts

Small shoots like miniature cabbages clustered around a stem are the valuable part of this unique member of the cabbage family. They are successfully grown wherever conditions are favorable for late cabbage and require the same method of cul-



Celeriac

ture. They mature best in the autumn after the weather becomes cool.

**LONG ISLAND IMPROVED.** Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round cabbage-like balls of 1 1/4 to 1 1/2 inches in diameter which mature in succession. Pkt., 5c; oz., 25c, postpaid.

### Chives

A perennial herb, a member of the onion family which every garden should grow. The slender, tubular leaves have a delicate onion flavor, just enough to season a green salad when the chopped-up leaves are used. The seeds are used for seasoning. Pkt., 5c; 1/2 oz., 35c; oz., 70c, postpaid.

for bigger-better legume crops

# inoculate

with

The Original Legume Inoculator



**A**GRICULTURAL Colleges everywhere endorse legume inoculation. Not only does good inoculation increase the yield, but it also improves the soil. Choosing the right inoculator is as important as choosing the right seed.

Established in 1898 NITRAGIN has served the American farmer dependably and successfully for over 35 years. Always fresh each year — DATED.

Every can of NITRAGIN packed with Billions of efficient Legume Bacteria guaranteed on the label. A moist-soil culture — APPROVED — NITRAGIN is also EASY TO APPLY.

### NEW REDUCED PRICES



Will NOW Inoculate 1 lb. Alfalfa or Clover Seed. Costs Even Less For Soy Beans, Lespedeza, Vetch, Peas, Beans, Cow Peas.

Note the new 25 bu. size for Soy Beans and Cow Peas — costs only 1/4 of 1c per lb. of inoculated seed.

NITRAGIN Is The Best and Cheapest Insurance for all YOUR Legume Crops. It Pays Big Returns.

| LESPEDEZA   |        |
|---|--------|
| Unhulled or Hulled  |        |
| Size  | Retail |
| 1 bu. ea. ....  | \$ .35 |
| 2 bu. ea. ....  | .60    |
| 5 bu. ea. ....  | 1.25   |
| Soy Beans, Cow Peas, Lima Beans                                     |        |
| Size  | Retail |
| 1 bu. ea. ....  | \$ .35 |
| 2 bu. ea. ....  | .60    |
| 5 bu. ea. ....  | 1.25   |
| 10 bu. ea. ....   | 2.00   |
| *25 bu. ea. ....  | 3.75   |
| *25 bu. size. Packed only for Soy Beans, Cow Peas.                  |        |
| Garden Size   |        |
| NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines |        |
| Inoculates from 1 oz. to 8 lbs. seed.                               |        |
| Retail Price.... 25c each   |        |



### INOCULATOR PRICES

When Ordering, Always Specify Name of Seed

#### Alfalfa, all Clovers

Size Retail  
1/2 bu. ea. .... \$ .35  
1 bu. ea. .... .60  
2 1/2 bu. ea. .... 1.25

#### Vetch, Austrian Peas, Canadian Peas, Beans

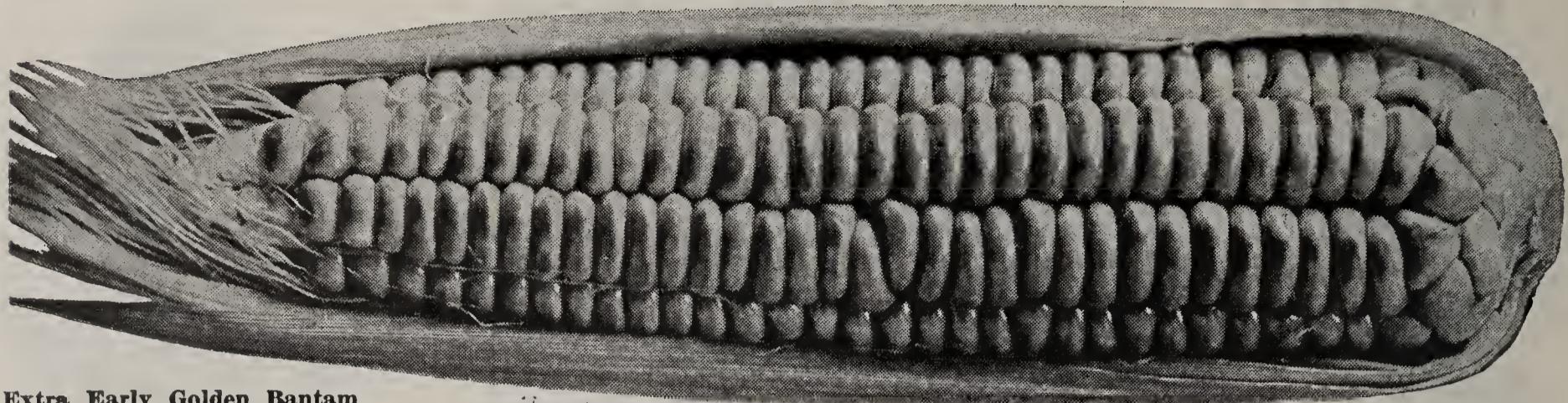
Size Retail  
1/2 bu. ea. .... \$ .30  
1 bu. ea. .... .45

\*1 1/2 bu. ea. .... .70

5 bu. ea. .... \$2.00  
\*100 lb. size. Packed only for Vetch and Peas.

Retail Price.... 25c each

Oldest and Most Widely Used INOCULATOR In America



Extra Early Golden Bantam

## HAWKEYE SWEET CORN FOR HAWKEYE GARDENERS

Warm weather, rich soil, and moderate moisture are best for corn, but a satisfactory crop can be grown in any garden if the soil is deeply and thoroughly worked before planting. Sweet corn seed is likely to rot if planted in cold weather, so planting should be governed by this fact. Seeds may be planted either in rows or hills. If planted in rows, they should be spaced from  $2\frac{1}{2}$  to 4 feet apart, depending on the height of the variety; seeds should be dropped at the rate of 5 or 6 to the foot, and covered about two inches deep. If planting in hills, drop 5 or 6 seeds per hill and space the hills 3 feet apart each way. When plants are 4 to 5 inches tall, thin from 8 to 12 inches apart and keep well hoed until the ears are set. Plant one pound to 400 ft. row. 10 pounds to acre.

**IMPROVED STRAIN GOLDEN BANTAM.** Extra Early—Matures in about 65 days.

**EXTRA EARLY GOLDEN BANTAM.** This is a recombination of 15 inbred strains of Golden Bantam. The strains used were inbred since 1922.

In trial grounds this combination has been ready to eat approximately a week before ordinary Golden Bantam. The plants grow fully as tall and the strain comes into eating stage more uniformly than regular Bantam.

The quality, color and width of kernel is quite superior. "Extra Early" Golden Bantam is adapted especially to home gardens, where early eating corn is desired. It is also profitable to market gardeners. This recombination can be carried along by seed selection from the crop just as with any normal variety. 76 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**GOLDEN BANTAM.** Plants 4  $\frac{1}{2}$  to 5 ft. tall, very productive. Ears about 6 in. long with 8 rows of golden kernels, tender, sweet and of delicious flavor. 83 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**BANTAM EVERGREEN (Golden).** Large ears, 7  $\frac{1}{2}$  to 9 inches long, with 14 to 18 rows of deep kernels borne on strong stalks 6 to 7 feet tall. This variety combines the qualities of Golden Bantam and Stowell's Evergreen in its rich golden cream color and good flavor, and because it remains in table condition for a long while. Ready in 95 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**GOLDEN SUNSHINE.** This is a cross between Golden Bantam and Early Market, a white variety. It is a week earlier than Bantam, plants are slightly smaller. Ears have 10 to 14 rows of creamy yellow grain and are surprisingly large for an early variety. 76 days. Price: Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**SPANISH GOLD.** A new variety recently introduced by the Connecticut Experiment Station. Pure yellow, 12 rows, medium length ears. Ready for table two weeks earlier than Golden Bantam. Equal in earliness with Golden Gem but grows much larger plant and is more productive, being about equal to Golden Bantam in plant size and yield. It promises to be a popular variety. 70 days. Pkt., 5c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 2 lbs., 65c, postpaid.

**EARLY MINNESOTA.** An early sort of excellent quality. Ears are long, with 8 to 10 rows of large white grains. A large producer and desirable for market, home and canning uses. 88 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**EARLY EVERGREEN.** Very valuable canning and market sort, about 1 week earlier than Stowell's Evergreen from which it was developed. Plants 6  $\frac{1}{2}$  to 7 feet tall. Ears about 7  $\frac{1}{2}$  inches long, 2  $\frac{1}{2}$  inches thick with 14 to 20 rows of very deep, white, sweet kernels that remain fresh and tender remarkably long. 98 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**STOWELL'S EVERGREEN.** Standard late variety, very valuable for canning and much grown for market. Plants 7 to 7  $\frac{1}{2}$  feet tall. Ears 8 inches long; 2  $\frac{1}{4}$  to 2  $\frac{1}{2}$  inches thick; 14 to 20 rowed. Kernels very deep, white, sweet, and tender; remain in table condition a long time. 105 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

**COUNTRY GENTLEMAN.** Heavy yielding variety with Evergreen character. Valuable for home, market garden, and especially for canning. Plants 6  $\frac{1}{2}$  to 7 feet tall, commonly with 2 or more ears. Ears 7  $\frac{1}{2}$  to 9 inches long, 2 inches thick; set solid with irregular rows of kernels. These are white; shoepeg form; very deep; sweet and tender. 110 days. Pkt., 5c;  $\frac{1}{2}$  lb., 17c; lb., 30c; 2 lbs., 55c, postpaid.

### Kingscrost Golden Bantam

A double cross between inbred strains. Kingscrost is about 10 days earlier, in coming to the eating stage, than ordinary Golden Bantam. It is especially adapted to market gardening because all the ears are ready to pick at the same time, soil differences considered. For home gardening, therefore, successive plantings should be made. 73 days. Price: Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 45c; 2 lbs., 80c, postpaid.

**DUST  
SWEET CORN  
SEED  
with  
SEMESAN, Jr.  
Before  
Planting**



# CUCUMBER

In all stages of growth the cucumber finds a place on our tables. Either raw or pickled it is served in salads, and it is a tasty relish by itself. A fine crop may easily be grown in openly exposed fairly rich soil. Planting should be delayed until all danger of frost is past. Soil for planting should be warm, fairly moist, and loose. Seed must be covered about  $\frac{1}{2}$  inch deep. Plant in hills 3 to 5 feet apart, dropping 6 or 8 seeds to each hill. When 6 inches tall, thin to 3 in a hill. 1 oz. of seed for 60 hills—3 pounds to an acre.

**BOSTON PICKLING.** Splendid pickling and slicing sort. Fruits medium dark green; black spined; 6 to 7 inches long; 2  $\frac{1}{2}$  inches thick; symmetrical; only slightly tapered. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**CHICAGO PICKLING (Westerville).** Valuable pickling and slicing variety. Fruits deep medium green; black spined; 6 to 7 inches long; 2  $\frac{1}{2}$  to 2  $\frac{3}{4}$  inches thick; taper very slightly toward each end; uniform. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**DAVIS PERFECT.** Splendid dark green slicing variety particularly valuable for shipping. Fruits very dark green; retain color long after picking; white spined; 9 to 11 inches long; 2  $\frac{1}{2}$  inches thick; somewhat tapered at both ends; very few seeds. 68 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**EARLY CLUSTER.** Very fine pickling sort; popular for early slicers. Fruits medium dark green; black spined; 5  $\frac{1}{2}$  inches long; 2  $\frac{3}{4}$  inches thick; cylindrical and full at both ends. 56 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**EARLY SHORT GREEN or EARLY FRAME.** Splendid for pickling and for slicing; very popular for home gardens. Fruits bright medium green; black spined; 6 to 7 inches long; 2  $\frac{1}{2}$  inches thick; uniform; blunt. 56 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.



Early Fortune Cucumber

**EARLY FORTUNE.** One of the most desirable slicing sorts; extensively grown for shipping. Fruits very dark green; color retained a long time after harvest; white spined; 8 to 9 inches long; 2  $\frac{1}{2}$  inches thick; only slightly tapered; very uniform. 66 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**EARLY WHITE SPINE.** The most popular white spined cucumber for the home garden extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 inches long; 2  $\frac{1}{2}$  inches thick; slightly tapered; blunt. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.

**IMP. LONG GREEN.** The most popular and one of the best for the home garden; particularly desirable for slicing. Fruits rich dark green; black spined; 12 inches long; 2  $\frac{1}{4}$  to 2  $\frac{3}{4}$  inches thick; straight; cylindrical; with few seeds. 72 days. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.10; lb., \$2.00, postpaid.

**LONGFELLOW.** Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface; retain the color remarkably long after picking; white spined; 12 to 14 inches long; 2  $\frac{1}{2}$  to 2  $\frac{3}{4}$  inches thick; straight, well filled at ends; very few seeds. 72 days. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.20; lb., \$2.20, postpaid.

**JAPANESE CLIMBING.** This variety is a real climber and can be grown on pole or trellis. A black spine sort, quite resistant to disease and insects. May be used for pickling or slicing. Fruits 9 in. long. 2  $\frac{1}{2}$  in. thick. Never bitter. 60 days. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; lb., \$1.50, postpaid.



## Egg Plant

Egg plant likes a rich, loamy soil. Plants should be set out in the garden as soon as danger of frost has passed, in rows three feet apart, the plants two feet apart. Our special strains excel in uniformity, flavor and yield.

**BLACK BEAUTY.** The fruits of this variety are large and symmetrical, maturing a little earlier than our New York Purple. It is thicker and broader than the other variety and retains its glossy black-purple coloring for a long time. This lasting quality makes it distinctly popular. Pkt., 5c;  $\frac{1}{2}$  oz., 25c; oz., 40c, postpaid.

**LARGE NEW YORK PURPLE (Spineless).** This is the best variety and the most popular, owing to the vigor and productivity of the plants and the large size and fine quality of the fruits. The large, spreading plant yields 4 to 6 large oval fruits of fine dark purple color. The flesh is firm, meaty, and of excellent quality. Pkt., 5c;  $\frac{1}{2}$  oz., 25c; oz., 40c, postpaid.

## HERBS

Sow in rich soil in shallow drills. When a few inches high thin out or transplant. Harvest on a dry day, just before they are in full blossom, dry and pack in dry, air-tight containers.

**CARAWAY.** Seeds used for flavoring, and in the making of cheese. Pkt., 5c.

**DILL.** Leaves and seed heads are used for flavoring pickles. Pkt., 5c.

**LAVENDER.** A perennial grown for its fragrance. The flowers are used for making perfume. Pkt., 10c.

**SWEET MARJORAM.** Leaves and ends of the shoots are used for flavoring, both green and dried. Pkt., 10c.

**SAGE.** One of the most useful herbs, lightly aromatic. The leaves and tops are used for seasoning and stuffing. Pkt., 5c.

**THYME.** Used for seasoning. A tea is also made for nervous headache. Pkt., 10c.

Black Beauty Egg Plant



Black Seeded Simpson

## Endive

**BROAD LEAVED BATAVIAN.** Leaves large and broad. Well-rounded heads often measure 12 in. across. Easily blanched. Compact head. A salad favorite. **Pkt., 5c; oz., 10c; 1/4 lb., 30c, postpaid.**

**GREEN CURLED, GREEN RIBBED.** Beautiful dark green, curly leaves are finely cut, giving the plant a feathery effect. Sturdy growth, producing circular plants often measuring 15 or more in. in diameter. Requires good rich soil. Rich green in color, blanching to creamy white. **Pkt., 5c; oz., 10c; 1/4 lb., 30c, postpaid.**

**WHITE CURLED.** A very beautiful variety with leaves finely curled or mossed, light green in color. Blanches easily. Has a delicious, crisp flavor. Used extensively for decoration as well as for salad. **Pkt., 5c; oz., 10c; 1/4 lb., 30c, postpaid.**

## Mustard

**Culture.** Sow frequently, in rows 12 to 18 inches apart, covering seed  $\frac{1}{2}$  inch deep. Thin plants to 5 to 6 inches apart in the rows. Give clean cultivation. The plants are in condition for use as soon as the leaves are the size of one's hand. Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply. One ounce will plant 100 feet of row; 2 to 3 pounds, an acre.

**SOUTHERN GIANT CURLED.** Large yellowish-green leaves, much crumpled on the edges. Popular in the South for Fall planting. Leaves 5 in. long, 3 in. wide. Tender, pungent. **Pkt., 5c; oz., 10c; 1/4 lb., 20c, postpaid.**

**TENDERGREEN, MUSTARD-SPINACH.** A mild-flavored, oriental type of mustard. Foliage may be used for greens when plant is quite young and until it is quite fully matured. Prepared for the table same as spinach or turnip greens. Quick growing with long, broad, fairly smooth leaves. **Pkt., 5c; oz., 10c; 1/4 lb., 20c, postpaid.**

# LETTUCE

Quick, tender growth is necessary for quality lettuce. Our strains are selected for earliness, together with vigor in hot weather and slowness in running to seed, which is all important in our midwestern summers. Discovery that green leaves are richer in Vitamin C than blanched leaves is reviving the popularity of leaf lettuces which are easiest for the amateur to grow. For success with head lettuce, start early indoors, and transplant outdoors to rich soil which can be well watered, as soon as the ground can be prepared. Lettuce soil should be heavily manured or fed well with plant food rich in nitrogen, to stimulate leaf growth. One ounce will sow 125 foot row.

## Loose Leaved Varieties

**BLACK SEEDED SIMPSON.** Early. Dependable in all parts of America and widely grown in home and market gardens. Plant large, attractive, compact; broad, frilled light green leaves that are of fine crisp texture and splendid quality. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**EARLY CURLED SIMPSON.** Also known as "White Seeded Simpson." Hardy, dependable, early; popular for home gardens. Plant large, compact, light lustrous green; leaves broad, frilled, firm, crisp, sweet, and of good quality. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**GRAND RAPIDS.** Very early. Hardy, disease resistant; the most widely used and best adapted variety for greenhouse forcing. Plants large, upright, compact, and handsome; bright solid light green; leaves large, broad; margin much frilled; very tender and sweet when grown under glass. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**PRIZE HEAD.** Very early, quick growing, and one of the most popular for home gardens. Plant medium large, strictly loose-leaf; leaves broad, crumpled, and frilled; outside leaves tinged red inner leaves wholly green; very crisp, sweet, and tender. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**CHICKEN LETTUCE.** Very hardy, rapid growing, medium light green, non-heading butter type which produces flower stalks early and furnishes an abundance of leaves over a long period of growth. **Pkt., 10c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 60c; 1lb., 90c, postpaid.**

## Kohl Rabi

The delicious flavor of this turnip-shaped bulb combines both cabbage and turnip. As early in spring as possible, sow the seed in light rich soil in rows 1 1/2 feet apart. When plants are well established, thin to 6 inches apart in the row. Plant at intervals of 10 days for a succession of bulbs until hot weather. For fall use, plant last of July.

**EARLY WHITE VIENNA (For Forcing).** The best table sort if used when the bulbs are 2 inches in diameter. It matures very early and produces medium sized, light green bulbs with white flesh of excellent quality. **Pkt., 5c; oz., 20c; 1/4 lb., 60c, postpaid.**

## Heading Varieties

**BIG BOSTON.** 76 days. Very popular in all parts of the world; known as Trocadero in Europe. Especially valuable for summer and fall use out-of-doors, and for hotbed and cold frame culture. Glossy, plain edged leaves tinged brown on the margins; forms a firm, well folded head, buttery-yellow at the heart and of excellent quality. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**HANSON.** 82 days. Very hardy; widely used in all parts of America. Plant very large with broad, thick, frilled, light yellowish-green leaves; forms quite large, globular, very hard cabbage-like head which is white at the heart, crisp, sweet, and tender. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**ICEBERG.** Matures in about 80 days. This makes a small head which is the tightest of any variety we know, and it resists hot weather well. Its leaves have small indentations which fill with dew drops, giving the plant a crystalline appearance, hence its name. It is an excellent home garden variety and entirely distinct from New York, which is sometimes called Iceberg. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**

**NEW YORK or WONDERFUL.** A large heading variety, frequently weighing 2 to 3 lbs. Outer leaves large and crumpled. Blanched heart, creamy, crisp, tender, free from bitterness. The most popular shipping lettuce grown in this country. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 75c; 1lb., \$1.40, postpaid.**

**WHITE COS.** 70 days. Grows to large size. Self-closing. This type of lettuce forms upright loose folding heads, and the inner leaves bleach white. It is usually preferable to tie up the heads to assist bleaching. Esteemed the finest of lettuces in flavor. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1lb., \$1.25, postpaid.**



Head (New York) Lettuce

# MUSKMELON

Few products of the garden give as much pleasure as ripe sweet melons fresh from the vines. The home gardener can now enjoy this luscious garden prize at its best. Our list is made up of the most desirable varieties suited for growing wherever melons can be grown.

In sections where the summers are short, seed can be planted indoors or in hot beds in small boxes. The young plants can be transferred to the garden when danger of frost is past. If practicable, ~~spill~~ in a liberal forkful of well rotted manure at the bottom of each hill. The rows should be at least 6 feet apart and the hills 3 feet apart in the rows. In general, the culture is the same as that for cucumber. 1 ounce to 40 hills. 2 to 4 lbs. per acre.

## Bender's Surprise

### The Best Large Size Muskmelon

Exquisitely fine flavor, large size and medium earliness combine to make this new melon a great favorite. Melons average quite large, many weighing 10 pounds or more; oval in shape; light green with coarse netting, and turn a golden tint as they mature. Flesh deep orange, very thick and deliciously sweet. Will keep in good condition a week after picking, and actually improve in flavor during that time. The flesh is so firm and thick that the melons remain in good condition much longer than any other large melon of this class. For market and shipping this is an important consideration. We know of no other large Muskmelon that will equal Bender's Surprise for either the market or the home garden. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

**HEARTS OF GOLD.** An ideal shipper and desirable midseason melon for home gardeners. Medium sized vigorous, blight resistant and productive. Fruits nearly round, 5 in. in diameter, slightly ribbed, netted densely, small seed cavity. Flesh is thick, firm and of delicious flavor. 90 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

**OSAGE.** The large oval ribbed fruits have a soft dark green skin lightly marked with fine open netting. They are usually 8 or 9 inches long and 7 or 8 inches thick and ripen in about 95 days. Deep orange-salmon flesh of great thickness and particularly pleasing quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

**TIP TOP.** One of the earliest of large home garden melons, 85 to 90 days. A short, oval melon, usually 7 or 8 inches long, symmetrically ribbed with a medium amount of netting, and creamy-yellow when ripe. The thick deep yellow flesh is fine grained and sweet flavored. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.



Bender's Surprise

**EXTRA EARLY HACKENSACK.** The earliest of the green fleshed melons, ripening in 80 days. The fruits weigh 4 to 6 pounds. The flesh is exceptionally sweet and juicy. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

**ROCKY FORD or NETTED GEM.** A comparatively small green fleshed melon of the oval type, weighing about 2 pounds, and ideal for serving in halves. It is probably one of the most widely known and extensively grown of its class. A sure and abundant yielder. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

**HONEY DEW, Green Fleshed.** The best known of the so-called winter melons. The creamy-yellow fruits are nearly round, about 6 inches in diameter, with a downy sparsely netted skin. Honey Dew has very thick flesh, light emerald green in color. It is fine grained, melting, and delicious. The melons may be picked before they are fully ripe and stored in a cool place. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; lb., \$1.25, postpaid.

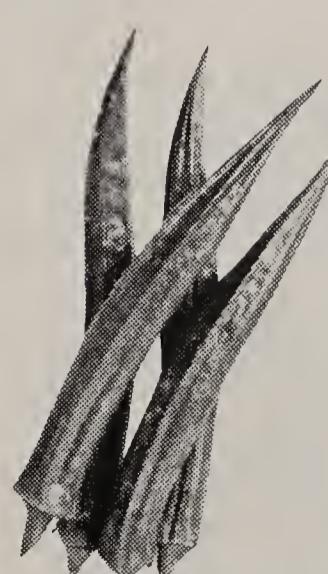
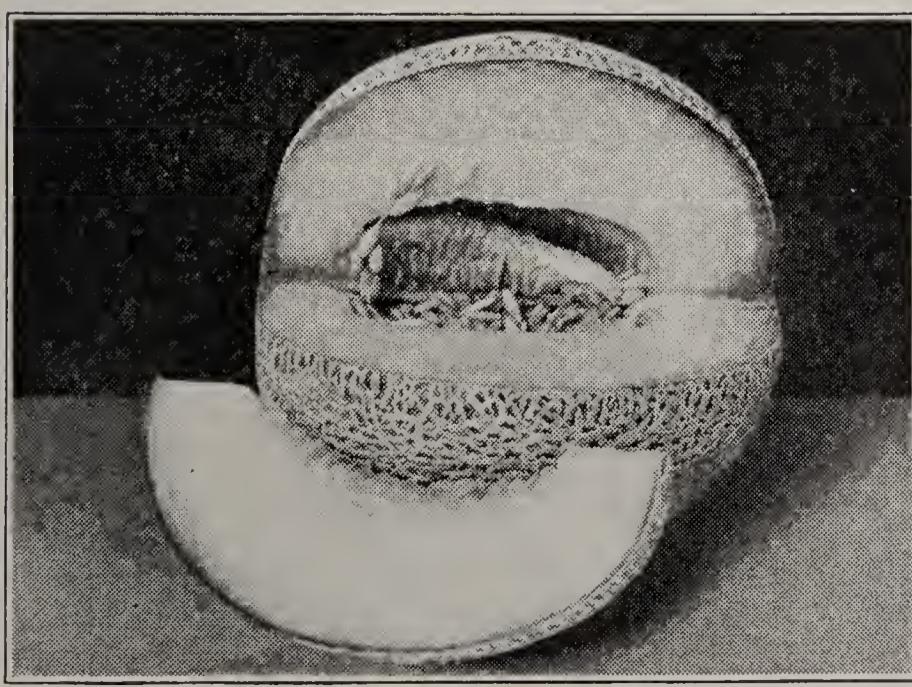
## Okra or Gumbo

Okra is raised for its pods which are extensively used in soups, stews, catsup and other relishes. They are at their best when 1 to 3 inches long. It is commonly grown in the South where it is very popular. Seed does not germinate well at cool temperatures and planting should be delayed until the ground is warm. Drop 4 or 5 seeds to the foot in rows about 2½ feet apart and cover about an inch deep. Thin to about 1½ feet in the row and keep thoroughly cultivated.

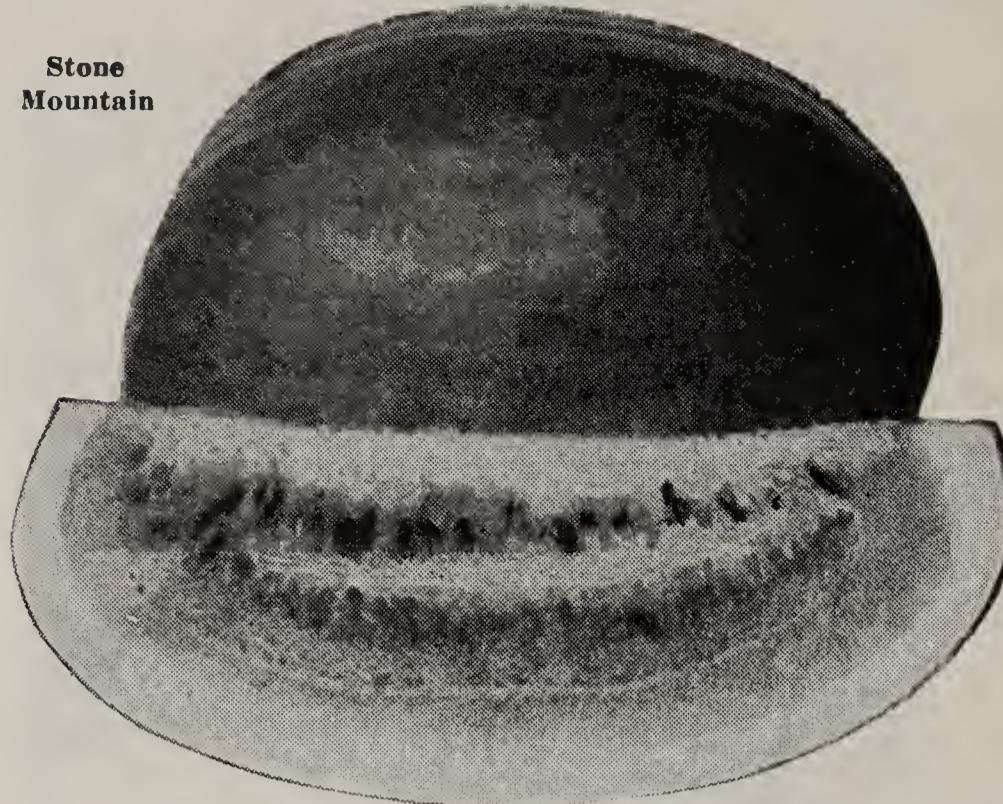
**DWARF LONG POD, GREEN.** This okra is especially adapted for home garden use because the pods remain in prime condition for cooking or canning until quite large. They are long, fluted, dark green, and of very good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c, postpaid.

**WHITE VELVET.** A sort popular in the South. It is productive of very large white pods that are smooth and tender until nearly full size. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c, postpaid.

**USE ROTECIDE INSECT DUST**—on melon vines to control *Aphis*, *Beetle* and *Thrips*.—**Safe—Sure.** Price—1 lb., 35c; 5 lbs., \$1.00, postpaid. Write for free booklet.



Okra, Green Pod

Stone  
Mountain

### Stone Mountain

95 days. A recent introduction from Georgia, already very popular in the South and destined to be so in the North. Huge in size, it nevertheless is comparatively early and has remarkable quality. The fruits are nearly round in shape and rich green in color. The flesh is a uniform red; very sweet, juicy, and crisp, without stringiness. The seeds are very few and hence costly for the seed grower to produce. Not a good shipper, but ideal for home garden, local market and roadside stand. Weight 40 to 80 pounds. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c; 2 lbs., \$1.70, postpaid.

**SWEET HEART.** Splendid shipper and popular home and market garden sort. Fruits very large; round to slightly oblong, with blocky ends; light green with fine, darker veining; rind hard and tough; flesh bright red, crisp, and sweet; seeds black. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.

**HAWKEYE PEERLESS.** Highest quality very early melon. Fruits of medium size, roundish to oval; bright green, faintly veined; rind firm, brittle; flesh bright scarlet, of splendid quality; seeds white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.

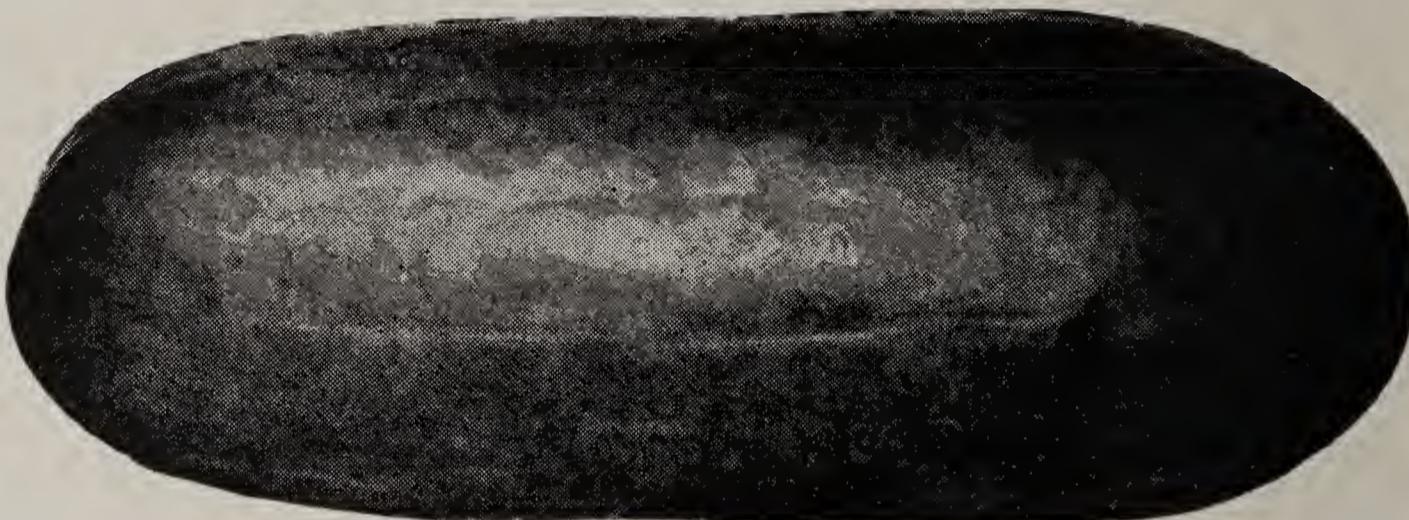
**GEORGIA RATTLESNAKE (Gypsy).** This old Southern favorite has the most conspicuous striping of the oblong types. The rind is moderately thick and strong, and the flesh is juicy and sweet. A very desirable white-seeded variety, but only useful where summers are long. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.

**KLECKLEY'S SWEETS or MONTE CRISTO.** Distinctly a home garden melon as the dark bluish-green rind is so crisp that it breaks easily. The long, oval fruits are slightly larger near the blossom end. They weigh from 25 to 35 pounds and ripen in 105 days. We know of none better in quality of flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.

### Watermelon

**CULTURE:** Watermelons require a rich, light, sandy soil. They can be grown successfully in northern states if given reasonable care and plenty of sunlight. Hills should be prepared in the same manner as for muskmelons, but should be set 8 to 10 feet apart each way. Manure deeply and thoroughly and keep well watered. Sow 8 to 10 seeds to the hill and thin out the plants to 3 strong ones. One ounce will sow 25 hills. 4 pounds to the acre. Slugshot, Garden Guard, and Rotecide are the proper insecticides to use to combat the melon bugs. Evergreen for Aphids. One ounce of seed for 25 hills. 4 pounds to the acre.

**TOM WATSON.** This long smooth melon is especially favored in the South. The rich green skin is faintly webbed with a veining of deeper green, and the thin rind is tough and rubbery. Vines hardy, vigorous, and productive; flesh distinctly crisp and juicy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.



Tom Watson

**HARRIS' EARLIEST.** By far the earliest and one of the most attractive watermelons. The fruits are oval but blocky. They ripen in 80 days and are large for so early a melon. Home gardeners in the North will find this particularly satisfactory. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.

**HALBERT'S HONEY.** 85 days. Large, handsome fruits, 18 to 20 inches in length, 12 inches in diameter. Skin is deep green showing fine veins. Weight about 35 lbs. Flesh is a beautiful crimson extending to within half inch of rind. Vines vigorous in growth and prolific in production. Seed white with black tips. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c; 2 lbs., \$1.40, postpaid.



Kleckley Sweet

# ONION

No other vegetable, probably, is used in so many ways as the onion. Raw or cooked, alone or with other vegetables, it is equally desirable. As an appetizer it has no superior, and many a favorite dish would be tasteless without it.

A row or two of onions in the home garden will furnish a supply from mid-summer to the following spring. Onions are very hardy, and the seeds will germinate in cool weather. They can be safely planted just as soon as the soil can be prepared. Shallow planting is advisable,  $\frac{1}{4}$  to  $\frac{1}{2}$  inch being about right. When 2 or 3 inches tall, the young plants can be thinned to prevent crowding. They may be thinned again when 6 or 8 inches tall, and the plants removed can be used as green onions. After that, they can be pulled as needed, and those that are left to become fully ripe can be stored for winter. One ounce of seed for 150 ft. row. 4 to 6 pounds to acre.

## Red Varieties

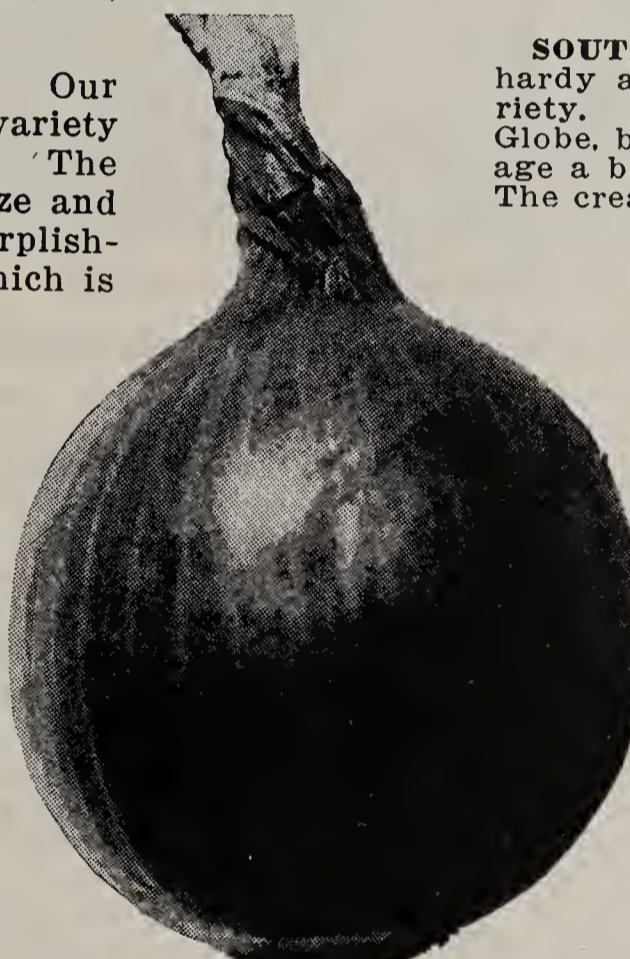
**RED WETHERSFIELD.** This is one of the oldest and best known red onions. Even in poor soils it produces heavily, and in the East it is extensively grown. The bulbs are large and flat, but quite thick, with a deep purple-red skin. The flesh is purplish-white and moderately fine grained, with a rather strong but pleasant flavor. It is one of the best keepers. Used for sets. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.50; lb., \$2.75, postpaid.

**SOUTHPORT RED GLOBE.** Our trials continue to prove that this variety also is one of the best keepers. The globes are medium to large in size and medium early. A smooth deep purplish-red skin covers the paler flesh which is mild, fine grained and tender. This onion is excellent for home gardens. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.70; lb., \$3.00, postpaid.

## Yellow Varieties

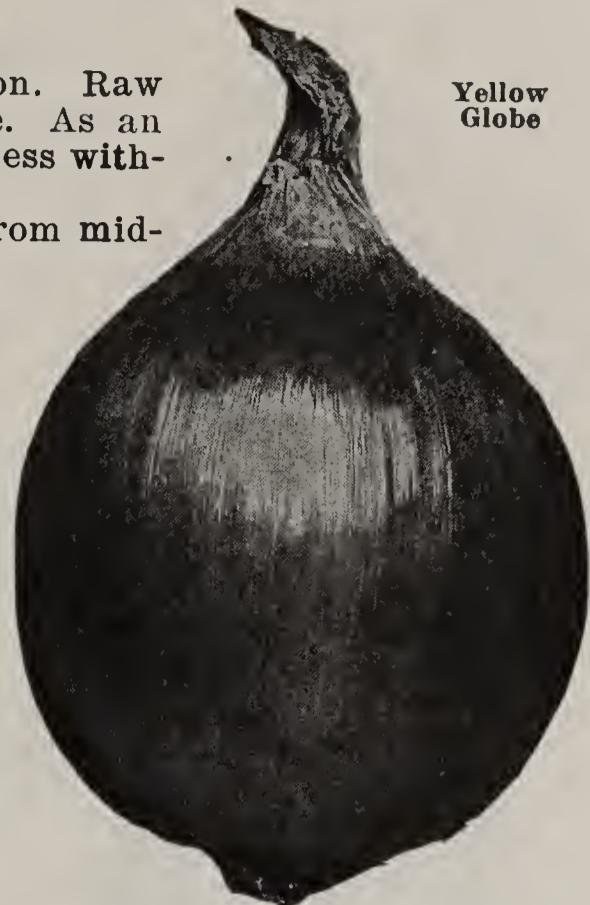
**YELLOW GLOBE DANVERS.** The most extensively used main crop yellow onion for the home garden. The bulbs are medium to large sized, uniformly globe-shaped and white fleshed, with a crispness and an excellent mild flavor. Highly recommended. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.50; lb., \$2.75, postpaid.

**PRIZETAKER.** One of the largest of the late or main crop sorts. Its globular shape, yellowish-brown skin, white tender flesh, and mild flavor have won it great popularity. It is very productive and keeps well into the winter. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.40; lb., \$2.50, postpaid.



Southport Red Globe

Yellow  
Globe



**SOUTHPORT YELLOW GLOBE.** A very hardy and prolific late or main crop variety. It is similar to Southport Red Globe, but the bulbs are rich yellow, average a bit larger in size, and mature later. The creamy-white flesh is fine grained and of a mild and excellent flavor. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 95c;  $\frac{1}{2}$  lb., \$1.80; lb., \$3.25, postpaid.

**HAWKEYE YELLOW GLOBE.** Skin is a deep yellow bordering on orange and the flesh lemon yellow. Becomes clear and transparent when cooked. Hardy and productive. Enjoys heavy demand in the markets. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 95c;  $\frac{1}{2}$  lb., \$1.80; lb., \$3.25, postpaid.

**EBENEZER.** Recommended for home use. Especially productive of large, somewhat flattened onions with a yellow skin and white, firm flesh. It matures in 90 days and keeps hard and sound all winter. A leading variety for onion sets. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.40; lb., \$2.50, postpaid.

## White Varieties

**SOUTHPORT WHITE GLOBE.** Abundant yield and large size are valuable characteristics of this medium early onion. Its whiteness, firmness, and mild flavor are also splendid qualities, especially for cooking. By years of careful selection and breeding we have developed a strain that is unsurpassed in uniformity and attractiveness of shape and color. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00;  $\frac{1}{2}$  lb., \$1.90; lb., \$3.50, postpaid.

**WHITE PORTUGAL (American Silverskin).** This is the best flattened white onion under cultivation. When young, it is a favorite as green onions or in salads because of its fine flavor. It is medium early, of middle size, and an excellent keeper. Home gardeners are urged to plant it, especially in Northern latitudes. Often used for sets. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.50; lb., \$2.75, postpaid.

**WHITE QUEEN.** The earliest of all onions, very white skinned, and of special value for pickling. Although when full grown the bulbs are flat and 2 inches in diameter, at pickling size they are small and nearly round. The quality is mild and sweet. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.50; lb., \$2.75, postpaid.

## Riverside Sweet Spanish

### The Largest and Sweetest Onion Ever Grown

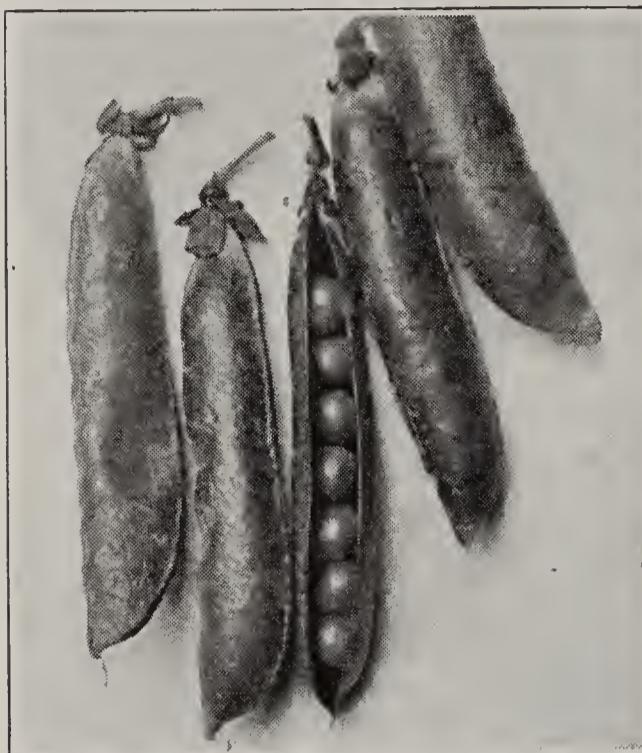
Our Riverside Sweet Spanish or Valencia Onion was first grown in Spain. In general color and shape it resembles Prizetaker, but is a distinct type, and will average better than twice the size of Prizetaker. Although of gigantic size, it has a small top, is an extra good keeper, and if allowed to thoroughly dry, will stand shipping long distances. It is globe-shaped; the skin light yellow or straw color; the flesh pure white, of very fine grain, crisp, juicy and exceptionally mild and sweet. We are anxious that our customers give this wonderful onion a trial, for it is sure to give the very best of satisfaction. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.70; lb., \$3.00, postpaid.

# GARDEN PEAS

## Are Sweetest from Your Own Garden

Peas are rich in sugar, which begins to turn to starch when they are picked; thus home gardeners alone can enjoy this crop at its best. It is said that the more wrinkles a pea has, the more sugar. Smooth seeded varieties are not so sweet and tender, but they can be planted earlier, as they resist rot in cold ground.

Where hot dry summer weather cuts short the crop, the problem is to get the heavy yield, large size and sugar content of the late sorts into early yielding varieties which will bear a crop before the summer's drouth arrives. Our strains are constantly selected to improve these qualities. **Quantity needed for 100 ft., 1 lb.**



Laxton's Progress Peas

### First Early Varieties

**ALASKA.** This variety is extremely early. The round pods,  $2\frac{1}{2}$  inches long, contain 5 to 8 peas which are ready for use in about 55 days. The peas are small, round, and tender. The vines are  $2\frac{1}{2}$  to 3 feet tall, and when possible they should be given support. Seeds are small, round, and bluish-green. **Pkt., 5c;  $\frac{1}{2}$  lb., 17c; 1 lb., 30c; 2 lbs., 50c, postpaid.**

**PREMIUM GEM.** Valuable home garden variety, ready in 62 days. Vines 18 inches tall, medium green. Pods medium green,  $2\frac{3}{4}$  inches long,  $\frac{1}{2}$  inch thick; plump, straight, blunt ended. Seeds medium sized, green, wrinkled, interior green. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

**LAXTON'S PROGRESS.** 62 days. The earliest and by far the best of the large-podded, large-fruited wrinkled peas. Of all the varieties producing peas of equal quality, this is the heaviest yielding. It bears long pods, averaging one more pea to the pod than Laxtonian. It is an improvement upon Laxtonian, which has hitherto been the finest of the dwarfs for table quality. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

**AMERICAN WONDER or NOTT'S EXCELSIOR.** Very important early dwarf variety for the home garden, 59 days. Vines 12 to 14 inches high; dark green; very productive. Pods medium green; 3 inches long,  $\frac{1}{2}$  inch wide; plump, straight, blunt ended; seeds medium small, squarish, wrinkled, green, interior green. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

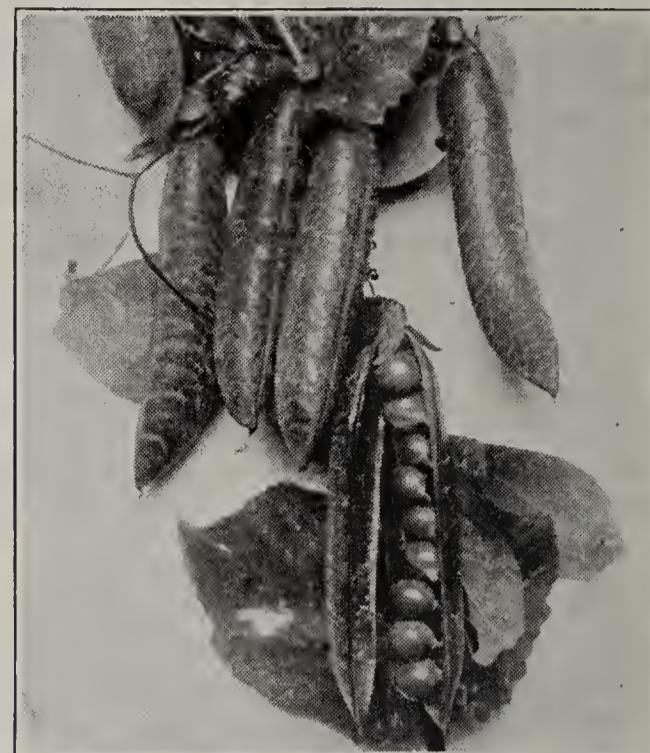
**LAXTONIAN.** A little earlier than other dwarf large-podded peas, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. It is especially recommended for home garden use. The seeds are large, wrinkled; green and cream in color. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

**GRADUS.** Earliness and high quality are combined in this wrinkled pea of medium height. The vines are 3 to  $3\frac{1}{2}$  feet tall and bear pods 4 inches long, filled with 6 to 9 large peas. They are ready for use in 55 to 62 days and are undoubtedly as sweet and tender as any variety in cultivation. Seeds are large and wrinkled. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

### Little Marvel

#### Tops 'em All

As the main crop in any home garden, this is the most desirable dwarf variety. It is only 4 or 5 days later than the earliest garden pea. The dark green vines, 18 to 20 inches tall, grow vigorously and are laden with pods 3 inches long, blunt ended, and packed with peas of medium size. These are temptingly dark green, and very tender and sweet. Seeds are squarish, wrinkled, and green in color. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**



Little Marvel Peas

### Medium and Late Varieties

**DWARF TELEPHONE OR DAISY.** This pea grows only about 2 feet tall. Our stock of this variety resembles that of Telephone, and the pods are well filled with peas of the same good quality. It is an excellent variety to follow the early peas in the home garden. Seeds large, wrinkled, green. 75 to 80 days. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c postpaid.**

**BLISS EVERBEARING.** Popular for the home garden. Vines 30 inches tall; dark green; thrifty; of long bearing period. Pods medium green; borne in pairs; 3 inches long,  $\frac{5}{8}$  in. wide; plump, straight, blunt. Green peas large, sweet; of marrowy texture and flavor. Dry seeds large, green, wrinkled, interior pale green. 72 days. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

**IMPROVED STRATEGEM.** Also known as Pot-latch or Prize-winner. The vine, about  $2\frac{1}{2}$  feet tall, bears large pods of the Telephone type. These are ready for use in 77 to 80 days. They are an ideal late variety to follow the earlier ones in the home garden. Large, squarish seeds are wrinkled and green. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

**TELEPHONE.** The vigorous vines with large light green leaves are 4 to  $4\frac{1}{2}$  feet tall. They are heavily loaded with very large well formed pods often 5 to  $5\frac{1}{2}$  inches long. These are light yellowish-green and normally contain 8 to 10 very large peas of delicate light green color and unexcelled quality. Dry seeds are large, pear-shaped, wrinkled and green. 73 days. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

### Inoculate Peas

with

**NITRAGIN**

See Page 9

### Edible Pod Peas

(Cooked Like String Beans)

**MAMMOTH PODDED SUGAR.** 70 days. A late, large sugar pod pea of finest quality. Vines 4 to 5 feet high. Pods 5 to 6 inches long. **Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid.**

## Pepper

Uses in cooking have divided garden peppers into two classes, "Hot" and "Sweet." Hot peppers are used principally in condiments, in pickles, and in relishes. They are smaller than the sweet ones, and the smallest varieties are usually the hottest. Sweet peppers are larger and have thick flesh. Their flavor is pleasantly mild, and they are becoming more and more popular for stuffing, for use in salads, and for combining with other vegetables and with meats.

Their culture and soil and temperature requirements are about the same as that for egg plant. A moderate dressing of guano, poultry manure, or complete commercial fertilizer, hoed into the soil after the plants are 6 or 8 inches tall, will be very beneficial. One ounce of seed will produce 1500 plants.

### "Sweet" Varieties

**CALIFORNIA WONDER.** Thickness of flesh alone, which is often  $\frac{1}{8}$  of an inch, places this sweet pepper above all others. It is crisp and juicy, too, without a trace of pungency. Vigorous growing plants bear a heavy yield of blocky fruits that become as much as 5 inches long and 4 inches wide. They are unusually good for serving whole. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**CHINESE GIANT.** Fruits are often 6 inches across and  $4\frac{1}{2}$  to 5 inches deep. The flesh is moderately thick and very mild. The fruits are rich bright green when young, and bright cherry red at maturity. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**HARRIS' EARLY GIANT.** This is a choice home garden sort, especially for Northern growing, because it ripens early. The peppers are larger than any other early ones,  $3\frac{1}{2}$  inches in diameter and  $4\frac{1}{2}$  inches long, while from 6 to 10 are produced on one plant. For unripe picking they are medium dark green and at maturity are bright red. The flesh is moderately thick and of excellent quality. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**RUBY KING.** Excellent for home, market, garden, and shipping. Plants vigorous, upright, prolific. Fruits large,  $4\frac{1}{2}$  to 5 inches long,  $2\frac{1}{2}$  inches through, slightly tapered; deep green becoming bright deep red; flesh thick, sweet, and mild. Ready in 68 days. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c, postpaid.

**WORLD BEATER.** One of the best of the large peppers. Fruits 5 inches long by  $3\frac{1}{2}$  inches in diameter. Flesh mild and thick. Rich deep red when ripe. Very productive and a good shipper. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c, postpaid.

**PIMENTO.** The fruits of Pimiento are excellent for stuffing and for canning. The shape is distinctly cone-like, the size is medium, and the color glossy green when young, ruby red when ripe. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c, postpaid.

**LARGE BELL or BULL NOSE.** This earliest pepper of the "bell" type is a combination of both Hot and Sweet; the ribs are quite pungent while the rest of the fruit is mild. The medium sized square fruits are deep green when immature and scarlet when ripe. Our stock is superior in uniformity of size, shape, and earliness. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c, postpaid.

### "Hot" Varieties

**RED CHILI.** Short bushy plants are literally covered with small tapering peppers about 2 inches long. They change to bright red when ripe and are very hot. They are dried, ground, and chili used for making pepper sauce. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c, postpaid.

**LONG RED CAYENNE.** This well known, medium early pepper is especially good for drying purposes. The fruit is 4 inches long and 1 inch thick, twisted and pointed. It is deep green when young and bright red when ripe. The flesh is strong and pungent. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c, postpaid.

## Parsley

Besides its value for flavoring and garnishing, parsley is now considered a real food. The leaves may be used green, or they may be dried crisp, rubbed to powder, and kept bottled.

Parsley seed is even slower than parsnip in germinating. It grows best in rich mellow soil and should be sown as early as possible in spring in rows 1 to 2 feet apart with a covering of not more than a  $\frac{1}{2}$  inch of soil firmly pressed down. When the plants are well up, thin them 8 to 12 inches apart in the row.

As soon as those of the curled varieties are about 3 inches high, cut off all the leaves; the new growth will be brighter and better curled. Every cutting, made in this way, will improve the quality of the leaves.

**PLAIN or SINGLE.** The leaves are deeply cut, flat, and dark green in color. They are much used for flavoring and for drying. The plant is hardy and easily grown. Pkt., 5c; oz., 10c; postpaid.

**EXTRA TRIPLE CURLED (Moss Curled).** This vigorous, compact grower is one of the most popular varieties because of its deep green color and tightly curled leaves that look like moss. It is unusually decorative for table use. Pkt., 5c; oz., 15c, postpaid.

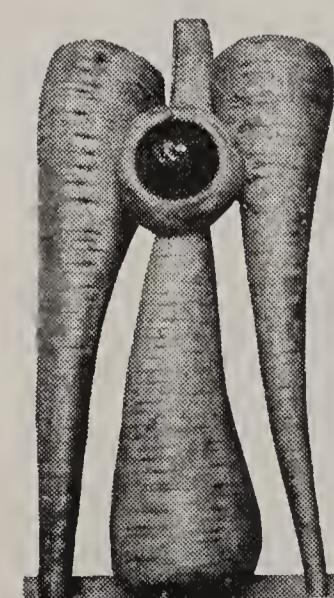
**HAMBURG, Thick Rooted.** The root of this variety is edible and resembles a parsnip in color and shape. The flesh is white, dry, and similar to Celeriac in flavor. It is used for flavoring soups and stews. The roots may be stored in sand for winter use. Pkt., 5c; oz., 15c, postpaid.

## Parsnip

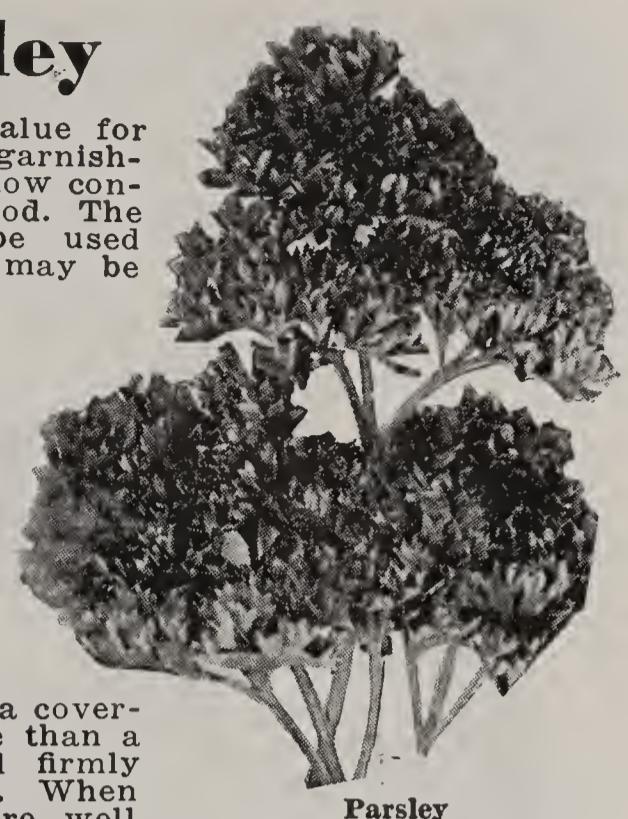
Parsnips grow best in a loose, rich sandy loam, but will make good roots in any soil that is reasonably rich and deep. Stony soil and raw manure are likely to produce branched or mis-shapen roots. The seed requires steady, abundant moisture for germination and should be sown as early as practicable. Sow in rows 2 to  $2\frac{1}{2}$  feet apart and when well up, thin to about 5 inches apart in the row.

Keep the ground moist if possible. Parsnips are improved by freezing, and a portion of the crop can be left in the ground all winter to be used as a spring vegetable when the ground has thawed.

**HOLLOW CROWN, Thick Shoulder.** This is the best and most popular variety in cultivation. The skin is smooth and white, while the flesh is tender. The roots grow 18 to 20 inches in length, but the first 8 inches from the top is the best part. The sweetness and tenderness are increased by moderate freezing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.



Hollow Crown Parsnip



Parsley



Hawkeye  
Scarlet  
Globe

**SCARLET TURNIP, WHITE TIPPED.** These radishes taste as good as they look, and they are undoubtedly one of the most popular of the early turnip-shaped varieties for home gardens. The upper part of the root is rich crimson-red, and the lower part is snow white, making an attractive combination. The roots grow to  $1\frac{1}{2}$  inches in diameter without becoming pithy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

**FRENCH BREAKFAST.** Excellent home and market garden sort; also suitable for forcing. Tops small. Roots oblong, blunt, with slender well defined tap-root; about  $1\frac{1}{2}$  inches long and  $\frac{5}{8}$  inch through; rich scarlet with white bottom; flesh white, crisp, and of splendid quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

**CRIMSON GIANT.** The home gardener who desires a radish of more than two bites will find this to his liking. The crimson roots are the largest of the early round radishes. They do not become fully grown until nearly 2 inches in diameter, but are very good while much smaller. The flesh is as crisp and mild as any of the smaller varieties, and they remain in perfect condition for several days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

**ICICLE.** Clear white roots which grow to a length of 6 inches with a third of their length out of the ground are delicately tinted with ivory at the tops. They are undoubtedly the most crisp and tender of all table radishes and are especially mild. This variety has been a home garden favorite for many years. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

**SPARKLER.** Similar to early Scarlet Turnip, White Tipped, but with more pronounced white area. Tops small. Roots deep turnip, almost globe-shape; bright scarlet with pronounced white tip; crisp, and of splendid quality until fairly large. Popular for home and market garden. 25 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

**WHITE STRASBURG.** Good Summer radish for home and market garden. Roots commonly become 5 inches long,  $1\frac{1}{2}$  to 2 inches in diameter at the shoulder; tapered; smooth; white; flesh firm, crisp, mildly pungent. 40 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

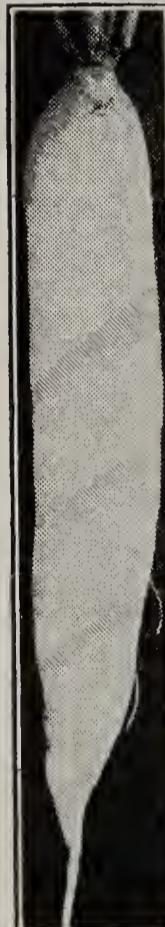
# Radishes

Radishes give interest to the diet and stimulate the dullest appetites. Radishes are healthy, they contain some vitamin B, mineral salts, calcium, sodium, iron and phosphorus. They can be enjoyed from early Spring until late Fall by sowing succession crops, first the Spring varieties, then the Summer and Winter sorts. One ounce to 100 feet of drill, 10 lbs. per acre. To grow good Radishes they must be grown quickly with no check in any stage of the growth. All varieties thrive best in light, sandy loam. For early use, Radishes can be grown in the hotbed with plenty of ventilation. In the open garden choose a light, rich soil and water them frequently. Sow the Spring varieties every two weeks until hot weather.

## Hawkeye Scarlet Globe Can't Be Beat

**HAWKEYE SCARLET GLOBE.** The bright carmine-red color, perfect oval shape, thread-like tap-root, and ideal size combine to make this the most desirable of early table radishes. Until they are nearly an inch in diameter, the flesh is crisp and mild. They will reach this size in 25 to 30 days and are at their best when not quite full grown. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 55c; lb., 85c, postpaid.

**SAXA.** 20 days. This is a European variety which has become very popular in the United States. It is one of the very earliest radishes and slow to run to seed. The tops are very small, the radishes are round and bright scarlet. We recommend it for the first planting in the garden, and also for forcing in hotbed and greenhouse. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.



White  
Icicle

**LONG BLACK SPANISH.** Splendid keeper. Roots 8 to 9 inches long, 2 to  $2\frac{1}{4}$  inches in diameter at shoulder and only slightly tapered; skin somewhat roughened; black; flesh white, very firm and crisp, pungent. 55 days. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 45c; lb., 80c, postpaid.

**ROUND BLACK SPANISH.** Roots globular with slender well defined tap-root;  $3\frac{1}{2}$  to 4 inches in diameter; skin somewhat roughened, black; flesh white, firm, crisp, and pungent. 55 days. Keeps well. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 45c; lb., 80c, postpaid.

**Market Gardeners  
Price List  
On Request**



Crimson Giant

# SPINACH

Spinach is one of our most appetizing and healthful foods when properly cooked. Its increasing popularity has led plant breeders to work for improvement in varieties. They have succeeded so well that those now grown are larger in leaf, more succulent, and remain in prime condition a much longer time.

Sow in rows 16 to 20 inches apart and thin to 6 inches apart in the row when leaves are an inch wide. Seed can be planted as soon as the ground can be prepared. The soil should be as rich as practicable to increase the size and quality of the leaves.

Steaming is the best way of cooking spinach, but if this is not possible, use only the water that clings to the leaves after washing and keep the pan tightly covered. In any case, cook only for a short time and do not let it stand long before serving. 1 ounce of seed will sow 100 ft. row.

**LONG STANDING BLOOMSDALE.** True to its name, this spinach remains a long time in condition for use without bolting to seed even in hot dry weather. The compact erect plants have crumpled, rounded, large, thick leaves of dark green. It matures with the second early class and proves very desirable in planting for succession. **Pkt., 5c; oz., 10c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 45c, postpaid.**

**PRICKLY SEEDED.** This hardy spinach, adapted to fall planting where winters are mild, is popular among California gardeners. It is also satisfactory for spring planting in home gardens of colder climates. The plant is large, with many rounded thick dark green leaves. It is easily grown in ordinary soils. **Pkt., 5c; oz., 10c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 45c, postpaid.**

**NEW ZEALAND (Tetragonia).** Although not a true spinach, the leaves look like spinach and are very useful as greens. On soil too poor to grow spinach successfully, the plants thrive and produce groups of small fleshy leaves that are tender and delicious when

cooked. Each branch of the plant produces others, so that it goes on providing a continuous supply of greens throughout the summer. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; 1 lb., 70c, postpaid.**

## GIANT THICK LEAVED (No-bel).

The seed of this thick leaved variety produces the largest spinach under cultivation. They grow rapidly and remain in good condition a long time. The medium-green leaves are large, rounded, slightly crumpled, succulent, and tender. It is an excellent home garden spinach. **Pkt., 5c; oz., 10c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 45c, postpaid.**

**KING OF DENMARK.** This was the forerunner of the modern "long-standing" strains of spinach. It is intermediate between the smooth-leaved and blistered types. The leaves are large and medium dark green in color. The plants are low growing and quickly produce a heavy crop which remains in condition from one to two weeks. A very hardy and satisfactory spinach for the home garden. **Pkt., 5c; oz., 10c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 45c, postpaid.**



Long Standing Bloomsdale

# SQUASH

Like corn and potatoes, squashes are native to America. For generations they, like their relative, the pumpkin, have been one of our staple vegetables.

Because of differences in character and habits of growth, there are two kinds of squash. They are generally known as "summer" and "winter" squashes.

The culture of this vegetable is about the same as that of pumpkins and melons. The trailing varieties require as much room as pumpkins, while the bush squashes take about the same space as cucumbers. 1 ounce will plant 25 hills.

## Summer Varieties

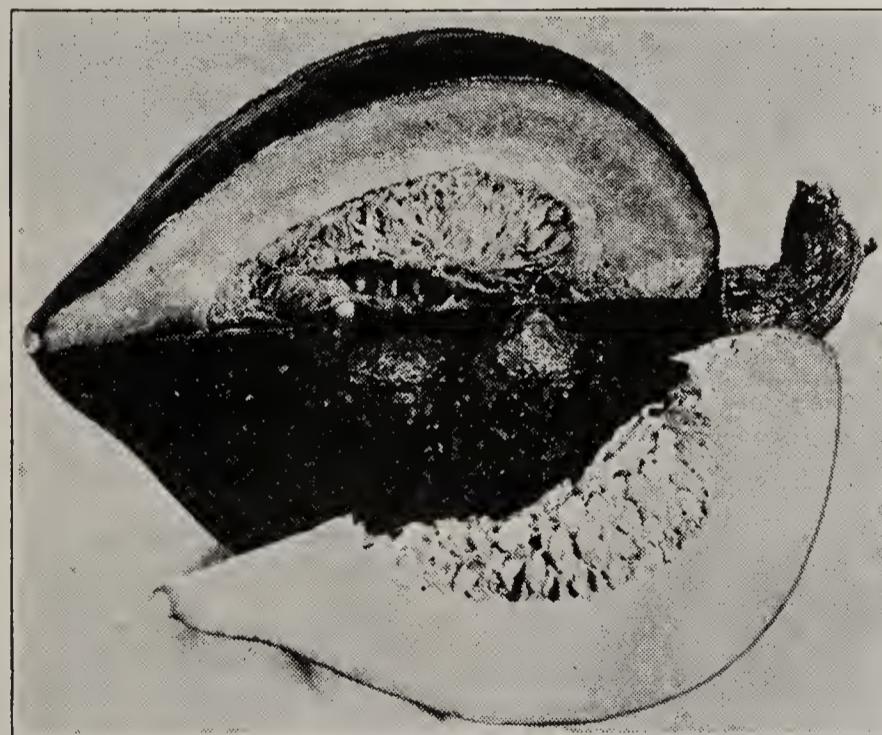
Unlike the winter squashes, these are suitable for use only when young; they are practically worthless for cooking after the shell begins to harden. They are an excellent vegetable in summer and very early autumn.

Botanically, they are not true squash, but they have become known by that name through long established use.

**EARLY WHITE BUSH SCALLOP.** Patty Pan or Cymbling is the common name of this well-known variety. The plant is bushy and bears creamy-white patty-shaped fruits, scalloped on the edges. The flesh is milk-white, firm, smooth, and richly flavored. This is the most popular of white summer squashes for home garden use. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.**

**YELLOW SUMMER CROOKNECK.** By the term "summer squash" many people mean this Yellow Summer Crookneck. The crop is perfected very early, 60 to 65 days. The bushy plant is very productive of attractive fruits, weighing about 2 pounds. The skin is distinctly warty and bears a bright yellow color, while the flesh is pale cream, firm, and tender. A very good sort for home planting. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 90c, postpaid.**

**ITALIAN MARROW, COCOZELLE.** This foreign variety is increasing in popularity in this country. It grows to a length of 6 or 8 inches in about 65 days. At this size, the fruit is in prime condition for eating. The skin is dark green, becoming mar-



Delicious Squash

bled with yellow and light green as it matures. The flesh is pale green, thick, firm, tender, and of excellent quality. The entire fruit is edible. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1 lb., \$1.20, postpaid.**

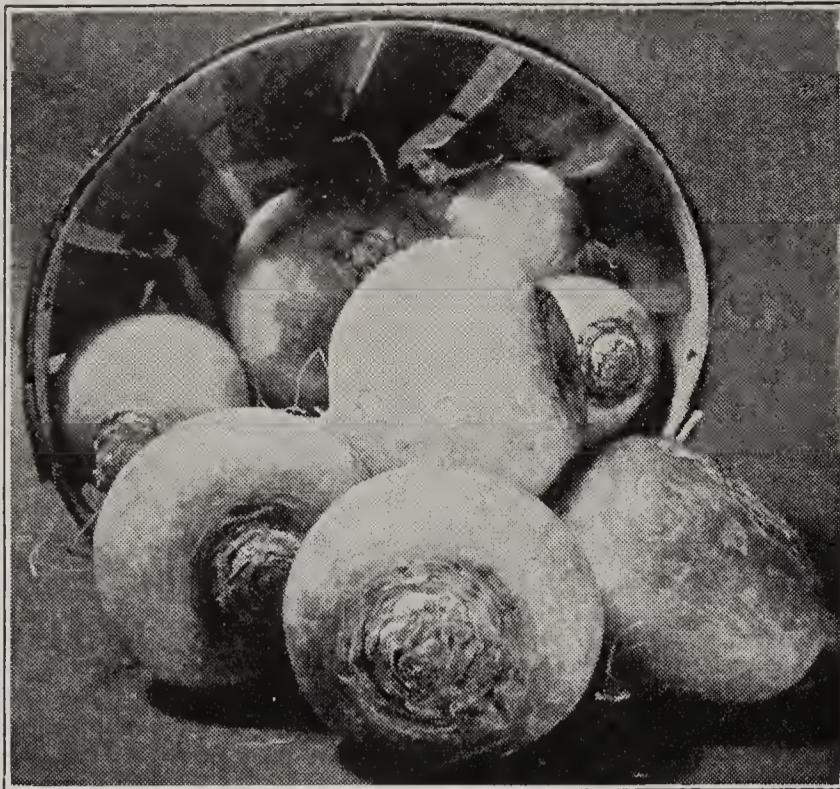
## Winter Varieties

**DELICIOUS.** The 8 to 10 pound fruits are heart-shaped and dark green. The bright yellow flesh is thick, firm, and fine grained. In quality it is dry, sweet, and richly flavored. It ripens in about 103 days and keeps well. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1 lb., \$1.20, postpaid.**

**HUBBARD.** Surpassed in quality only by Delicious, this variety is the most widely grown of any winter squash. The 12 to 14 pound fruits, perfected in 100 to 110 days, are

round and warty and very dark green. The thick bright yellow flesh is fine-grained and richly flavored. This squash keeps well all winter. **Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; 1 lb., \$1.20, postpaid.**

**TABLE QUEEN or DES MOINES.** Because of convenience for baking and serving in halves, this little squash has gained great popularity. It weighs only about 1 1/2 pounds and is acorn-shaped, deeply furrowed, and dark green on the outside. The flesh is rich yellow, somewhat coarse grained, dry and mealy, and of delicious flavor. The vines yield prolifically, and the fruit matures in about 100 days. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 75c; 1 lb., \$1.35, postpaid.**



Purple Top White Globe

## Turnip

For summer use sow early in spring in rows  $\frac{1}{2}$  to 2 feet apart. Plant seed about  $\frac{1}{2}$  inch deep and press the soil down firmly and smoothly. When the seedlings appear, apply tobacco dust liberally to prevent injury by flea-beetles and root maggots. As soon as the plants are about an inch tall, thinning should be started and carried on as recommended for beets. For fall and winter use the seed may be planted as late as August.

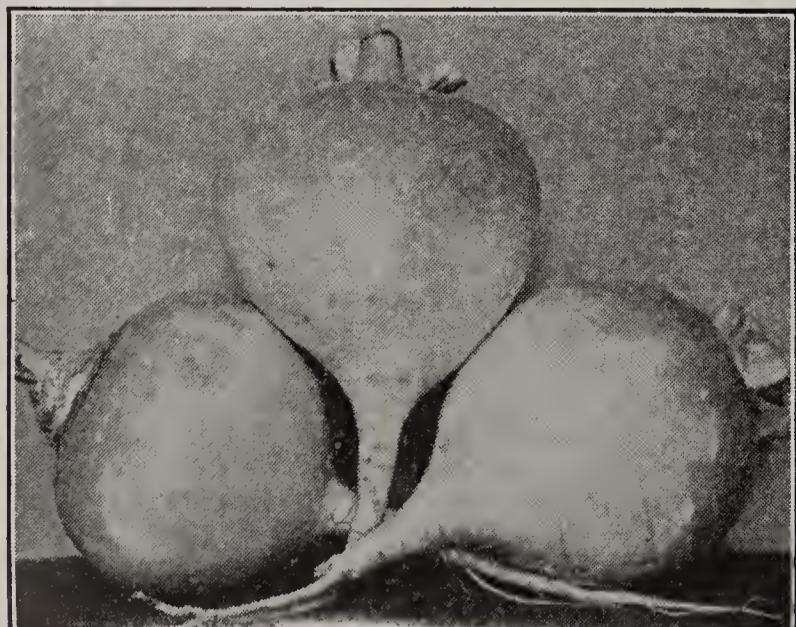
**COW HORN or LONG WHITE.** Chiefly grown for stock feed, but very good for table use. Tops fairly large, erect, cut-leaved. Roots 12 to 15 inches long; 3 inches thick at shoulder, tapered, slightly crooked. Becomes table size in 65 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.

**EXTRA EARLY PURPLE TOP MILAN.** Table size, 40 days. Standard for home and market garden and for forcing. Tops small; strap leaved. Roots flat; become 4 inches across; purplish-red above, white below; flesh white, fine grained, mild and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c, postpaid.

**PURPLE TOP WHITE GLOBE.** Table size, 55 days; full size 70 days. The standard home, market garden, and shipping sort for table use; it is also good for field culture. Tops medium large, compact, strap leaved. Roots globular, smooth; bright purplish-red above, white below; become 5 to 6 inches in diameter; flesh white, firm; fine grained and tender when young. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.

**EARLY PURPLE TOP, STRAP LEAVED.** Very important home and market garden turnip. Tops small, erect, compact. Roots flat; becoming 5 inches in diameter and half as thick; purplish-red above and white below; flesh clear white, fine grained, mild. Reaches table size in 45 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.

**WHITE EGG.** Splendid for home and market garden. Roots white, smooth, egg-shaped, become 3 inches long and  $2\frac{1}{4}$  inches through. Table size, 55 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; lb., 50c, postpaid.



White Egg Turnip

## Rutabaga or Swede

Although closely related to the turnip and much the same in value and uses, rutabagas are quite different in many ways. They grow to a much larger size, are firmer in flesh, milder in flavor, and are better adapted for winter storage. They require a longer growing season than turnips and need more moisture.

Seed may be sown from mid-June to mid-July in rows  $2\frac{1}{2}$  to 3 feet apart. The culture is practically the same as for turnips except that the plants should be thinned to 8 or 10 inches apart in the rows.

When the roots are full grown, they should be pulled, topped, and stored in a cool cellar or pit for winter use. If kept cool and sufficiently moist to prevent withering, they will remain in prime condition all winter.

**AMERICAN PURPLE TOP or IMPROVED LONG ISLAND.** We consider this one of the best rutabagas for both table use and stock feeding, owing to the selected small top and short neck, globe shape, and large size. It is of finest quality and keeps well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c, postpaid.

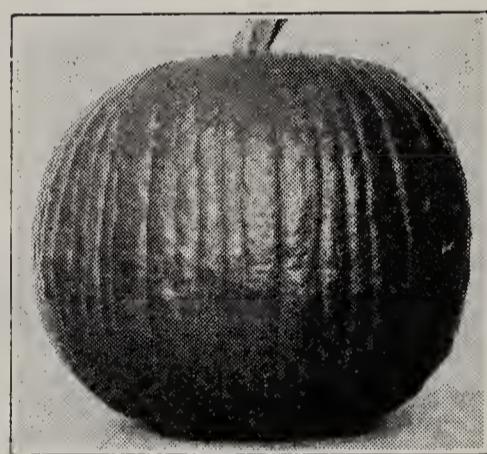


Rutabaga

**IMPROVED PURPLE TOP YELLOW.** Very popular variety for market and for storage and car-lot shipment. The roots are large, globular; deep purplish-red above ground, yellow below; flesh yellow, fine grained, firm, mild and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c, postpaid.

## Pumpkin

Pumpkins are typically American, and pumpkin pie is one of our truly American dishes. They are less sensitive to unfavorable conditions of soil and weather than melons or cucumbers, but they are cultivated in about the same way.



Large Yellow Connecticut or Big Tom

**LARGE YELLOW or CONNECTICUT FIELD.** This sort is grown largely in the corn field for stock, but the flesh is moderately fine grained, highly flavored, and very good for pies. The plants are exceedingly strong and productive. The fruits weigh about 20 pounds and are a rich deep orange-yellow color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 55c, postpaid.

**GREEN STRIPED CUSHAW.** A very large sort popular in the South. The crook-necked pumpkins are

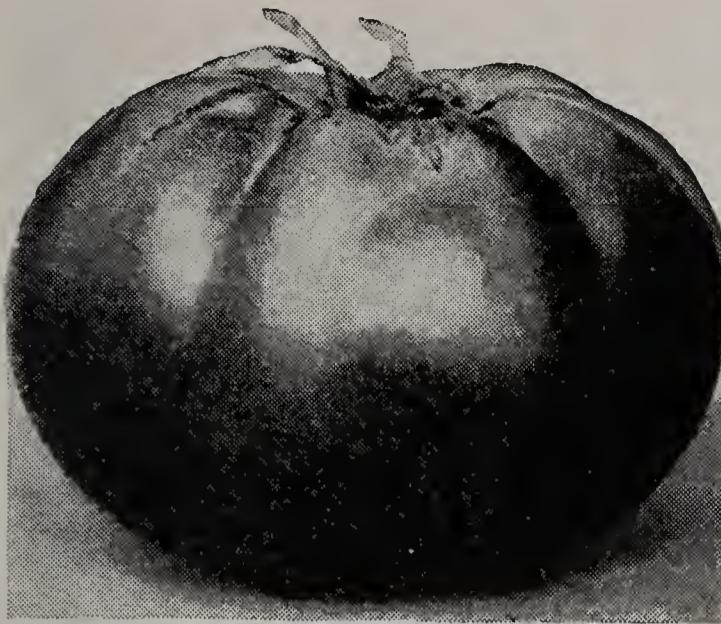
18 to 20 inches long, weigh 10 to 15 pounds, and swell at the blossom end to a bulb shape. The color is creamy-white striped with green. The flesh is light yellow, very thick, rather coarse but sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; lb., 90c, postpaid.

**PIE or WINTER LUXURY.** This variety is very popular for the home garden. The fruit matures in 75 to 80 days, weighs  $8\frac{1}{2}$  pounds, and is nearly round. The skin is light yellow with a russet tinge and finely netted; the flesh is rich creamy-yellow, very thick, sweet, and finely flavored. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; lb., 90c, postpaid.

**SUGAR or NEW ENGLAND PIE.** These pumpkins are also just the right size for home use. The fruits weigh about 7 pounds and are produced abundantly, maturing in 75 days. The skin is light yellow tinged with russet; the flesh is rich orange, thick, sweet, and finely flavored. They keep very well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; lb., 90c, postpaid.

**MAMMOTH SANDWICH ISLAND.** Large and strong growing with long, smooth white, tapering roots less likely to branch than those of other sorts. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 90c; lb., \$1.75, postpaid.

**CONNECTICUT SEED LEAF.** A hardy cigar variety, well adapted to growing in the Middle and Northern States. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.



Bonny Best Tomato

**BONNY BEST.** Unexcelled as a general purpose tomato; particularly valuable for forcing under glass and as a canning variety in Northern sections. Fruits evenly colored bright deep scarlet-red; medium large; flattened globe-shape; smooth and firm. 73 days. **Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c, postpaid.**

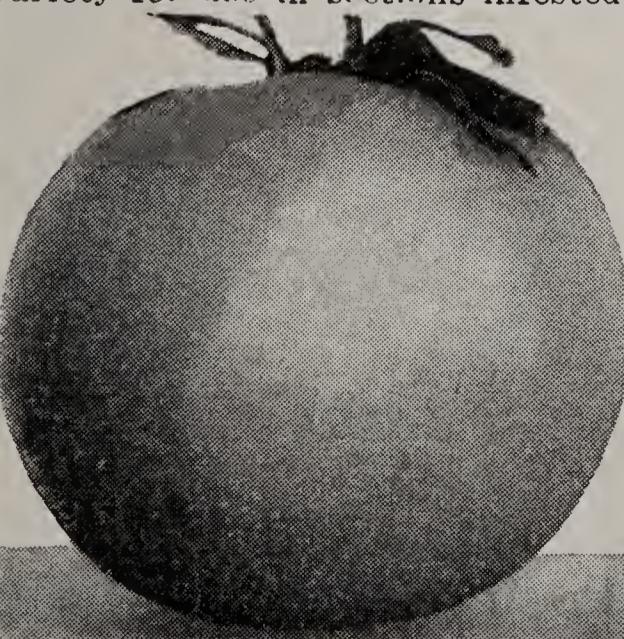
**POUNDEROSA** (Also known as Beefsteak). One of the best for home use. Fruits deep purplish-pink; extremely large, commonly 9 to 12 ounces each; deep, but flat; very fleshy with few seeds; of very mild flavor; matures in 85 days. **Pkt., 5c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.50, postpaid.**

**OX HEART.** A late large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Single fruits often weigh 2 pounds or more. Mildly acid and of pleasing flavor. Home gardeners have given this new variety an enthusiastic reception. 85 to 90 days. **Pkt., 5c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.90, postpaid.**

**PRITCHARD (Scarlet Topper).** Wilt resistant, of the type of plant known as self-topping or self-pruning. Midseason to late and a heavy cropper. Fruits globe-shaped, deep scarlet, smooth and solid. A good home and market variety and very popular for shipping. 80 to 85 days. **Pkt., 5c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.25, postpaid.**

**MARGLOBE.** The best general purpose tomato recently introduced; particularly valuable for shipping; definite disease resistance recommends this variety for use in sections infested with Fusarium

Wilt and Nail-head Rust. Plants thrifty and heavily productive and of long-bearing period. Fruits uniform deep scarlet; large; uniformly globe-shaped; smooth, solid, and of distinct quality. **Pkt., 5c; 1/2 oz., 25c; oz., 35c; 1/4 lb., \$1.00, postpaid.**



Marglobe Tomato

# TOMATOES

## of All Types

Tomatoes should be started indoors and those unable to do this should purchase plants. The plants may be set in the garden when danger of frost is over. It is important to give them a quick start after transplanting by frequent watering and fertilizing. They should be sprayed with bordeaux mixture to prevent disease, Rotecide non-poison. Hot sun is needed to ripen tomatoes and plenty of water to keep them growing. If trained to stakes or trellises they will ripen sooner.

Quantity needed for 150 plants, 1 pkt.; for 2,000 plants, one ounce.

**EARLIANA.** Particularly valuable for home garden and early market. Superior in earliness and quality. Fruits medium size; flattened globe-shape; deep scarlet-red; firm and smooth. 64 to 66 days. **Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c, postpaid.**

**STONE.** Valuable for the market gardener trucker, and canner. Heavily productive. Fruits bright deep scarlet; large and flat, but deep; smooth and solid. 85 days. **Pkt., 5c; 1/2 oz., 10c; oz., 20c; 1/4 lb., 75c, postpaid.**

**JOHN BAER.** Similar in every respect to Bonny Best, but often a few days earlier. Fruits bright deep scarlet-red; medium large; flattened globe-shape; smooth and firm. 71 days. **Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c, postpaid.**

**CHALK'S EARLY JEWEL.** Very thrifty, heavily productive. Fruits scarlet-red; large; flattened globe-shape; smooth and firm. 75 days. Splendid for home and market garden. **Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c, postpaid.**

**JUNE PINK.** The best extra purplish-pink variety. Similar to Earliana in every way except color. 65 to 68 days. **Pkt., 5c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00, postpaid.**

**EARLY DETROIT.** Very valuable for shipping. Fruits rich purplish-pink; large; globular; smooth and firm. 78 days. **Pkt., 5c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00, postpaid.**

**DWARF CHAMPION.** Strictly dwarf and tree-like; requires no training for culture where space is limited. Fruits purplish-pink; flattened globe-shape; medium size. 78 days. **Pkt., 5c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.10, postpaid.**

**For Preserves, Pickles, and Decorative Purposes.**

**YELLOW PLUM.** Fruits oval, 2 inches long; clear deep yellow. **Pkt., 5c; 1/2 oz., 25c; oz., 40c, postpaid.**

**GOLDEN QUEEN.** 83 days. The best large yellow tomato. Fruits large; deep, but flattened; bright golden-yellow; firm, smooth, and attractive. **Pkt., 5c; 1/2 oz., 25c; oz., 40c, postpaid.**

**YELLOW HUSK OR GROUND CHERRY**  
(Not a true tomato). Fruits borne singly; small, round; enclosed in papery envelope; of rich sweet flavor. **Pkt., 5c; 1/2 oz., 25c; oz., 40c, postpaid.**



Stone Tomato

**KEY TO SYMBOLS**

- h** Hardy. Resists low temperatures.
- hh** Half-Hardy. Needs protection where temperatures are low.
- t** Tender. Will not endure frost.
- A** Annual. Lives only one season.
- B** Biennial. Lives two seasons; often blooms second year only.
- P** Perennial. Tends to live from year to year.
- C** Climber. Requires support.
- R** Rock Plant. Suitable for rock gardens.



Antirrhinum—Snapdragon

**Flower Garden Hand Books**  
**25c ea.**  
**Postpaid**

**Write for Free Descriptive Circulars**

# Annual and Perennial FLOWER SEEDS

Whether you have acres of ground or just a little dooryard, you want the best flowers you can buy. The long list of annuals offered here will give you wide choice of color and variety. Order plenty of them to plant among the perennials and to group by themselves for cutting. Sow perennial seeds at the same time as the annuals; the earlier in the season they are started, the better next year's plants will be.

**ABRONIA (Sand Verbena).** [hA-R-6 in.]  
Pkt., 10c.

**ACHILLEA (Sneezewort, Yarrow).** [hP-2 ft.]  
Pkt., 15c.

**ACROCLINIUM.** [hhA-15 in.]  
Pkt., 10c.

**ADONIS (Pheasant's Eye).** Pkt., 10c.

**Ageratum**

These free flowering, quick growing annuals, which bloom throughout the summer, are invaluable as a source of the blue-lavender tones which are demanded to balance the color-effect of every planting. Varying in height from 6 in. to 3 ft., you may use them to fill many different garden roles. The taller varieties are useful for cutting. Dwarf sorts are apt to vary in height.

**BLUE BALL.** 9 in. Deep, dark blue. The plant is dwarf and symmetrical. In full bloom it is covered with small flowers, giving the appearance of a blue ball.

**BLUE.** [18 in.] Soft lavender-blue. Pkt., 10c.

**TOM THUMB (Little Blue Star).** [4 in.] The finest variety for neat edgings. Pkt., 10c.

**Alyssum**

Pretty little plants for beds or vases blooming all Summer long. Very sweetly scented.

**SWEET (Maritimum).** [hA-10 in.] Clusters of these small, white, four-petaled flowers, delicately scented, are delightful in small bouquets. Pkt., 5c.

**PROCUMBENS (Carpet of Snow).** Pkt., 10c.

**COMPACTUM ERECTUM (Little Gem).** White. [hA-6 in.]  
Pkt., 10c.

**SAXATILE COMPACTUM.** [hP-R-9 in.] Pkt., 10c.

**AMARANTHUS.** [hA.] These robust plants, related to the Celosias, afford brilliant contrasts of color. They are useful among other tall plants and do best in open sunny spots. They thrive in good soil, but the colorings are more vivid in poorer ground.



Sweet Alyssum

**CAUDATUS (Love Lies Bleeding).** [3 ft.] A rapid growing sort with long, drooping crimson flower spikes.  
Pkt., 5c.

**TRICOLOR (Joseph's Coat).** [2 1/2 ft.] The brilliant leaves of this variety appear in red, yellow and green.  
Pkt., 10c.

**ANCHUSA (Summer Forget-Me-Not).** Pkt., 10c.

**CAPENSIS (Summer Forget-Me-Not).** [hA-2 ft.] Pkt., 10c.

**ITALICA, DROPMORE.** [hP-3 ft.]  
Pkt., 10c.

**Antirrhinum**

**(Snapdragon)** [hA.] Modern Snapdragons come in a wide range of colors from delicate pastels to vivid hues.

Seed may be sown outdoors in fall or spring. Where winters are severe, gardeners who want early flowers should start the seed under glass in



Ageratum

spring, transplanting to a sunny situation as soon as the ground is warm.

**RUST RESISTANT MIXED.** A special strain bred for resistance against this blight. About 75% rust proof. Good colors.

**TALL MAXIMUM.** [3 ft.] Huge spikes with large individual blooms. Because of their height they require staking.

**Copper, Copper King.**  
**Crimson, Snowflake.**  
**Pink, The Rose.**  
**Yellow, Canary Bird.**  
Any of the above, **pkt., 25c.**

**Mixed pkt., 10c.**

**INTERMEDIATE MAJUS.** [2 ft.] Graceful spikes of large flowers closely placed on stems of medium length. The spikes are not quite so spindly as the taller sorts.

**Brilliant Rose.**  
**Crimson, Crimson King.**  
**Pink, Venus.**  
**Scarlet, Defiance.**  
**White, Queen Victoria.**  
**Yellow, Golden King.**  
Any of the above, **pkt., 10c.**

**EARLY AUTUMN GLOW IMPROVED.** Outstanding in 1934 trials as the earliest and thriftiest of this type. Extremely handsome. The color is soft old rose tinged with buff and salmon. We recommend it unreservedly for every section where rust is not serious. **Pkt., 10c.**

**Mixed, pkt., 10c.**

**GIANT BEDDING.** [18 in.] These plants require no support. Though the stems are relatively short, the spikes are very handsome and the Majestic strains bear blossoms equal in size to the Maximum group.

**Crimson, Crimson Eclipse.**  
**Pink, Philadelphia.**  
**Rose, Rose Eclipse.**  
**Scarlet, Dazzler.**  
**White, Purity.**  
**Yellow, Golden Queen.**  
Any of the above, **pkt., 10c.**



Giant of California

**Arabis**

**ROCK CRESS.** [hP-R-6 in.] One of the showiest and earliest of spring flowering plants. Its blanket of pure white flowers will brighten the edge of any border or a sunny spot in the rock garden. It is easy to grow and very hardy.

**Alpina.** Pkt., 10c.

**ARCTOTIS (Blue-Eyed African Daisy).** [hA-2 ft.] Pkt., 10c.

**ASCLEPIAS (Butterfly Wild Flower).** [hP-2 ft.] Pkt., 10c.

**Balloon Vine**

**CARDIOSPERMUM (Love-in-a-puff).** [hA-C-10 ft.] The numerous seed pods of this curious vine are inflated pouches resembling balloons. It is a rapid growing, graceful climber that should have some support. The small flowers are white. It succeeds well in light soil. The botanical name comes from the white heart-shaped spots on the black seeds which are often strung as beads. Pkt., 10c.

**Balsam**

**LADY'S SLIPPER.** [hA-18 in.] These bushy plants grow well in partial shade, develop rapidly, and stand transplanting when of good size. The double blossoms nestle close to the central stalk. If the leaves hide the blossoms, they may be trimmed back. The plants require plenty of moisture.

**DOUBLE TALL or CAMELLIA FLOW-ERED SORTS.** Mixed. Pkt., 5c.

**Scarlet Runner Beans**

Tall climber, large scarlet blossoms, of Sweet Pea form, remain in bloom for a long season. Pkt., 5c.



Begonia Fuminosa

**ASTERS**

Have you had trouble raising Asters on account of Fusarium Wilt? Wilt Resistant Strains will solve the problem. In size and form they equal the non-resistant types, and on the whole they are more vigorous. Whenever possible, it is best to use them in preference to the older types.

**DOUBLE EARLY QUEEN OF THE MARKET.** [18 in.] This branching class has handsome blossoms, rather flat, and relatively broad and full with incurved petals. It will bloom two weeks earlier than any other sort in our list and remain in good condition until the later varieties begin to flower.

Wilt-resistant strains:

**Crimson**  
**Purple**

**Lavender**  
**Rose**

**Pink**  
**White**

Any of the above: Pkt., 10c.

**Mixed.** Pkt., 10c.

**DOUBLE KING (Narrow Needle Petal).** [2 ft.] Produces large rounded heads composed of narrow tubular or quilled petals. The long stems are erect and sturdy. The plants bloom before most of the late kinds.

Wilt-resistant strains:

**Lavender**

**Pink**

**Rose**

**Violet**

Any one of the above: Pkt., 10c.

**Mixed.** Pkt., 10c.

Wilt-resistant strains:

**Crimson**

**White**

Each of the above: Pkt., 10c.

**DOUBLE GIANT CREGO.** [2 ft.] Flowers with long, shaggy, twisted petals are borne abundantly on robust branching plants. They bloom a few days after the King varieties. Also called "Ostrich Plume" and "Giant Comet."

Wilt-resistant strains:

**Crimson**

**Pink**

**Purple**

**White**

**Mixed**

Any one of the above: Pkt., 10c.

**DOUBLE GIANTS OF CALIFORNIA.** [2 1/2 ft.] Selected from the Cregos, this type has flowers of the same form, but they are larger and carried on longer stems. They come into bloom two weeks later than the Cregos and should be planted only where the growing season is long.

**Lavender** **Peach Blossom** **Purple** **Rose** **White**

Any one of the above: Pkt., 15c.

**Mixed.** Pkt., 15c.

**DOUBLE AMERICAN BRANCHING.** [2 ft.] The plants are quite spreading, bearing many good sized blossoms, fully double with petals evenly incurved—the most regular and symmetrical of all asters. They bloom at the same time as the Cregos.

Wilt-resistant strains:

**Ball's White**

**Lavender**

**Peerless Pink**

**Purple**

**Rose**

**Ruby Red (Heart of France)**

Any one of the above: Pkt., 10c.

**Mixed.** Pkt., 10c.

**DOUBLE AMERICAN BEAUTY.** [2 1/2 ft.] This group is similar to American Branching. However, the flowers, though fewer, are longer stemmed and larger and about two weeks later in season. There are two strains, Early Beauty and Late Beauty. We supply the earlier type.

**Crimson**

**Peach Blossom**

**Rose**

**Lavender**

**Purple**

**White**

Any one of the above: Pkt., 15c.

**Mixed.** Pkt., 15c.

**GIANT CALIFORNIA SUNSHINE.** [2 1/2 ft.] This artistic flower has a single row of outer petals adorned with a tufted center of short florets. A new race, taller and larger flowered than any of the older Sunshine types.

**Mixed.** Pkt., 25c.

**BEGONIA.** [tP-10 in.] Sturdy plants with glossy foliage and profuse bloom. The seed should be started under glass in cold climates. Begonias prefer rich soil and sunshine, but they will also grow in shade.

**Luminosa.** Deep scarlet flowers; bronze foliage. Pkt., 25c.

**Prima Donna.** Bright carmine rose. Pkt., 25c.

**BELLIS PERENNIS (English Daisy).** [hP-R-8 in.] Favorites for edgings, low beds, and rock gardens. The leaves form a low rosette. The button-like flowers are composed of numerous rows of tightly packed petals. When established they are profuse bloomers for a long period.

**DOUBLE MIXED.** A choice collection of the small double type in shades of white, pink, and rose. Pkt., 10c.

**Buddleia**

**BUTTERFLY BUSH OR SUMMER LILAC.** [hP-3 to 8 ft.] When once it has been tried, this plant becomes an essential as a background in many gardens. The long flower spikes taper like those of the true lilac, and they are quite similar in color. The blossoms are sweetly fragrant, and they bloom continuously. Pkt., 10c.



Double Giant Crego



Calendula

**Calendula**

**Pot Marigold.** [hA-18 in.] This old favorite has few rivals for being the showiest annual in the garden, or as a cut flower. In most climates it blooms all summer if the seed pods are kept off, but the brilliant flowers are particularly valuable in late fall.

**Sunshine (Chrysanthemum).** This is an outstanding new Calendula with Chrysanthemum-shaped flowers of bright golden yellow. The long clean stems make them especially good for cutting. **Pkt., 10c.**

**Lemon Queen.** A reliable variety supplying large blossoms of clear lemon yellow. It has long been a standard Calendula. The flowers are smaller than those of Ball's Gold, but more resistant to sun. **Pkt., 10c.**



Calliopsis

[hA.] This graceful plant with its finely cut foliage produces a wealth of brilliant flowers. The blooms, about 1½ inches across, are daisy-like in form, but their broad petals are slightly toothed at the outside edges. On their tall swinging stems they are not only decorative in the garden but make fine bouquets. From June until late autumn there will be plenty of flowers if they are kept cut. The plants like the sunshine.

**Mixed.** A fine mixture in shades from golden yellow to maroon. **Pkt., 5c.**

PERENNIAL CALLIOPSIS. (See Coreopsis.)

**Campanula**

This great family of plants might fancifully be compared to a glorious "carillon," or set of chimes, for they are all bell flowers. Some varieties carry large bells and others tiny ones. Some are tall and stately, well suited for backgrounds in the hardy border, while others are dwarf and dainty, fit to grace a quiet rock garden. Their colors are usually in the cool tones of white and blue. The plants prefer a medium rich soil and do well even in half shady spots.

**Medium or Canterbury Bell.** [hP-2 ft.] Impressing branching plants heavily loaded with large pendant bells. The flowers appear in white, various shades of blue, and even in pink, which is a color found only in the medium class.

Annual Single Mixed (New). **Pkt., 25c.**

Biennial Single Mixed. **Pkt., 10c.**

Biennial Double Mixed. **Pkt., 10c.**

**Candytuft**

[hA-1 ft.] Somewhat like Sweet Alyssum, both flowers and plants are a little more open and larger. They are splendid for use in the border, and as cut flowers. They bear quantities of single four-petaled blossoms in terminal clusters. Plenty of sunshine and only a moderate amount of watering are conditions that favor their best development.

**Umbellata.** Compact varieties liberally sprinkled with flat clusters of small florets.

**Lilac**      **Purple**      **White**      **Pkt., 10c.**

**Rose Cardinal. Mixed. Pkts., 10c each.**

**Empress or Rocket.** A white sort with extra large clusters; superior to the common white variety. **Pkt., 10c.**

**Giant Hyacinth Flowered White.** Several large bold floral spikes, each resembling a well formed Hyacinth, are grouped upright about a stout stem. **Pkt., 10c.**

**Canna**

[tP-3 ft.] There is fine dignity in this stately plant. Each stalk produces broad leaves of green or bronze, topped by a cluster of large flowers of varied and vivid colors. Usually they are started from roots, but they can easily be grown from seed. The seeds, however, are very hard and should be notched or filed and soaked before planting.

**Large Flowering Mixed.** **Pkt., 10c.**

**Orange King.** An extra select stock producing magnificent flowers of a deep orange color. They resist hot sun better than the florist's types.



Canterbury Bell

**Calendula**

This old favorite has few rivals for being the showiest annual in the garden, or as a cut flower. In most climates it blooms all summer if the seed pods are kept off, but the brilliant flowers are particularly valuable in late fall.

**Sunshine (Chrysanthemum).** This is an outstanding new Calendula with Chrysanthemum-shaped flowers of bright golden yellow. The long clean stems make them especially good for cutting. **Pkt., 10c.**

**Lemon Queen.** A reliable variety supplying large blossoms of clear lemon yellow. It has long been a standard Calendula. The flowers are smaller than those of Ball's Gold, but more resistant to sun. **Pkt., 10c.**

and therefore they are more suitable for garden culture. The flowers are borne abundantly on sturdy compact plants. **Pkt., 10c.**

**Mixed.** Many varieties in a well blended mixture which is very brilliant. **Pkt., 5c.**

**Cardinal Climber**

**Ipomoea Quamoclit Hybrida.** [hA-C-15 ft.] This rapidly growing climber attains quite a height during the season if planted in rich soil in a warm sunny place. The flowers, growing in clusters, are tubular and expand into star-shaped rims. Their color is an intense fiery red which shows off to advantage against the feathery green of the leaves. **Pkt., 10c.**

**Carnation**

**Dianthus Caryophyllus.** [tP.] Few flowers surpass in beauty of form or delicious fragrance the richly hued Carnation. The plants are branching but compact, and the handsome blossoms are produced on blue-green stems that are stiff but slender. The double flowers with their thick waxy petals are spicily scented.

**Chabaud Giant.** [18 in.] This variety blooms six months after seeding and continues throughout the summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size. This type should not be confused with the old, small-flowered Chabaud.

**Cardinal Red**      **Salmon**      **Deep Rose**  
**Yellow**      **White**

**Pkt., 15c.**

**Mixed.** **Pkt., 10c.**

**Marguerite.** [20 in.] This well-known variety blooms five months after the seeds are planted and may be treated as an annual. The vigorous plants bear deeply fringed, sweet-scented flowers in a choice assortment of rich colors.

**Double Mixed.** **Pkt., 10c.**

**Celosia**

**Cockscomb.** [hA.] An odd and picturesque class of plants having colored foliage and innumerable small flowers and seed vessels which form a brilliant colored mass. The vivid blossoms are sometimes gracefully arranged like plumes and in other types form dense clusters corrugated and frilled at the edges like cocks' combs. They retain their brilliant coloring from midsummer until frost.

**Dwarf Crested (Cristata).** [10 in.] This little plant is almost over-powered by the large ruffled velvety crest that rises above it on a central stem. This variety gives Celosia the name "Cockscomb."

**Empress.** Large crimson combs, rich bronze foliage.

**Rose.** Fine rose colored crests.

**Mixed.** **Pkts., 10c each.**

**Feathered (Plumosa).** [3 ft.] For grace and dignity the Plumosa type is remarkable among Celosias. The plants display numerous stately, elegant plumes. They are impressive in the garden and are equally striking when dried and used for winter bouquets.

**Mixed. Crimson.** **Pkts., 10c each.**

**Childsi (Chinese Woolflower).** [2 ft.] Upon the many branches of this gay plant are borne, terminally, vivid crimson flower clusters like balls of yarn. A single plant forms a veritable bouquet of these odd blossom heads.

**Crimson.** **Pkt., 10c.**

**Centaurea**

Particularly well adapted for border planting. The types cultivated for their flowers have bulging calyxes from which many finely cut petals expand. Others have a downy growth on their leaves, making the foliage quite ornamental. All of them are of easy culture from seed.

**Cyanus Double (Bachelor Button).** [hA-2 ft.] This superb class of Cornflowers produces handsome, large, double blooms, effective out-of-doors and in bouquets.

**Blue Rose**  
Each of the above: Pkt., 10c.  
Mixed. Pkt., 5c.

**Imperialis (Sweet Sultan).** [hA-2½ ft.] Flowers with deeply fringed petals closely held in rounded calyxes are graceful in form and delicately scented. Because they have long stems and keep fresh a long time, they are especially desirable for cutting.

**Amaranth Red White Mixed Yellow (Suaveolens)**  
Any of the above: Pkt., 10c.

**Dusty Miller**

**Gymnocarpa.** [hP-18 in.] The leaves of this ornamental border plant are silvery gray and deeply cut. It makes a fine contrast when used with masses of green foliage, and it is effective in window boxes with flowering plants of taller growth. In a mild climate it produces attractive yellow thistle-like blossoms. Pkt., 10c.

**Chrysanthemum**

**Annual.** [hA.] These summer blooming sorts are of robust habit, very easy to grow, and make a fine display in the border. They should not be confused with the fall or Japanese varieties which are propagated only by root division. The single and double types come chiefly in shades or combinations of yellow and white.

**Double Coronarium.** [2 ft.] Compact in habit, crowned with handsome flowers.

Mixed. Pkt., 10c.

**Single Annual.** [20 in.] A free-flowering class, producing gay daisy-like blooms of delicate coloring poised on long, stiff stems. Excellent for bouquets.

Mixed. A varied assortment. Pkt., 10c.

**Clarkia**

**Double.** [hA-2 ft.] These graceful plants can be recommended without reserve for the border or for cut flowers. They are erect and bushy with attractive light green foliage. The upright branches, slightly drooping, bear quantities of delicately colored double flowers, resembling small carnations or rosettes set along the stems.

**Chamois Queen.** Fresh cream pink. Pkt., 10c.

**Orange King.** Salmon orange. Pkt., 10c.

Mixed. A choice mixture of rich colors. Pkt., 10c.



Imperialis—Sweet Sultan

**Cobaea Scandens**

[hhP-C-30 ft.] This climber of rapid growth has deep green foliage of fine texture, and it bears large bell-shaped flowers on graceful stems. The blossoms are green at first, later changing to beautiful deep violet blue. The vine clings by means of spiral tendrils. It is hardy in a mild climate.

Blue. Pkt., 10c.

**Coleus**

**Large Leaved.** [tP-12 in.] These are the ornamental "foliage" plants so well adapted for growing in the house in winter. They can also be transplanted outdoors when the weather is warm, and for borders or window boxes in partial shade they are unexcelled. The large rich velvety leaves are of many shades and combinations of green, red, and yellow.

Finest Mixed. Pkt., 25c.

**Columbine**

**(Aquilegia).** [hP-2½ ft.] No garden can afford to be without a liberal assortment of these delicately graceful plants which bloom so early in the season. From a clump of light green leaves at the base the branching stems project, carrying their long-spurred blossoms. Many of these have star-shaped rings of outer petals surrounding their central tubes. The plants look frail, but they are strong and hardy and will thrive in almost every situation, preferring partial shade and considerable moisture. As cut flowers they are artistic when the branches are arranged in natural form.

**Long Spurred.** Superb single sorts unsurpassed for beauty and size of flower and with remarkably long spurs.

**Blue Shades** **Pink Shades**  
**Orange and Scarlet Shades**  
Pkts., 25c each.

**Imperial Long Spurred Hybrids.** A delightful collection, surpassing the Scott-Elliott Hybrids in beauty and size of blooms. They are also more free-flowering and vigorous. Pkt., 10c.

**Coerulea (Rocky Mountain Columbine).** A splendid native variety. The cream colored inner petals of the blossoms contrast nicely with the bluish-violet outer petals and spurs. Pkt., 25c.

**Double, Mixed.** Flowers in a variety of rich hues display elaborate rings of petals about the tubular centers which end in rather short curled spurs. The blossom heads are more compact than those of the single type. Pkt., 10c.

**Coreopsis**

**Lanceolata Grandiflora.** [hP-2 ft.] On long graceful stems these plants bear large daisy-like flowers with broad fluted petals. In color they are a rich, glossy chrome yellow. They bloom without interruption for a long season and are brilliant in the garden as well as for cutting.

**Single** **Semi-double**  
Pkts., 10c each.



Columbine—Long-Spurred Hybrid

**SEMESAN**  
**A General**  
**Disinfectant**  
**for**  
**FLOWER**  
**SEEDS &**  
**BULBS**  
  
**Write for Free**  
**Booklet**  
  
**2 oz. Can 50c**  
**Postpaid**



Coreopsis—Semi-double



Double Crested Cosmos

## Cosmos

Every gardener delights in these choice plants for late summer and autumn flowering. They have feathery light green foliage and are used to advantage in clumps for screens or backgrounds. The flowers, of a delicate texture with broad petals often overlapping and fluted, are poised terminally on long graceful stems suitable for cutting. The plants do well in any sunny spot, but bloom more profusely in poor soil which discourages excessive root growth. [hA.]

**EARLY DOUBLE CRESTED.** [3 ft.] Some of the flowers have attractive, raised, central crests of small petals which completely cover the discs.

**Crimson, pkt., 15c** **Pink, pkt., 15c** **White, pkt., 15c**

**EARLY MAMMOTH SINGLE.** [4 ft.] A type with fine single blooms, particularly adapted to Northern latitudes because they are sure to flower before early autumn frosts.

**Crimson, pkt., 10c** **Pink, pkt., 10c**

**EARLY SINGLE MIXED.** Similar to the above but flowers not quite so large. **Pkt., 5c.**

**LATE MAMMOUTH SINGLE.** [5 ft.] Wherever length of season permits, these varieties, which flower at least two weeks later than the early kinds, are liked because of their height and magnificent blooms. **Mixed, pkt., 10c.**

**CYNOGLOSSUM (Chinese Forget-me-not).** [hA-2 ft.] Too few people know this thrifty plant which is such an addition to a garden border. The long graceful branches are well covered with blossoms which resemble the Forget-me-not in form, but are larger. Their color is rich turquoise blue. If kept cut for bouquets the blooming season is long. They are easy to grow. **Amabile, Blue, pkt., 5c.**

**CYPRESS VINE (Ipomoea Quamoclit).** [hA-C-8 ft.] A rapid-growing climber with soft deep green feathery foliage. The flowers are slender little trumpets with star-shaped rims. Due to its twining habit it will readily climb a stretched cord or light trellis. **Scarlet, pkt., 10c; mixed, pkt., 5c.**

## Delphinium

[hP] One of the greatest charms of hardy Larkspurs is in their shades of blue which range from soft rosy lavender to violet and deepest indigo. The dwarfs are valuable in the border while the magnificent tall varieties are stately and beautiful in front of a shrubbery background. Above the deeply cut dark green leaves rise long floral spikes.

**DWARF CHINESE.** [2 ft.] A short hardy type desirable for low borders or even for bedding. It has the merit of reaching its full development the first season from seed started early. The plants are dainty in form with cosmos-like foliage and produce single spurred flowers in rather loose sprays.

**AZURE FAIRY.** Charming soft sky blue. **Pkt., 10c.**

**BLUE BUTTERFLY.** Blossoms intense gentian-blue. **Pkt., 10c.**

**TALL HYBRIDS.** [5 ft.] Handsome sorts adapted to backgrounds. The long stalks are well decorated with broad, deeply cut, bright green leaves and carry long floral spikes. Plants grown from early sown seed will flower late the first season, but reach their full development the second year and thereafter. A fine succession of spikes if they are kept cut as they fade.

**BELLADONNA.** A delightful shade of silvery blue. **Pkt., 15c.**

**BELLAMOSUM.** Rich, deep and intense blue. **Pkt., 15c.**

**BLACKMORE AND LANGDON HYBRIDS.** Latest and highest development of the Hollyhock type of Delphinium. Very large single, semi-double, and double flowers. All the pastel shades from very light blue to indigo. **Pkt., 10c.**

## Dahlia

Dahlias can be easily raised from seed and will bloom the first year. Seed should be started in a shallow box in March or April.

**1018 DOUBLE MIXED.** **Pkt., 25c.**

**1020 SINGLE MIXED.** **Pkt., 10c.**

## Dianthus

**PINKS.** The time-honored garden pinks with their single or double carnation-like flowers make excellent border plants for modern gardens. Gay blossoms on strong stems come in a variety of rich colors, and their stripes and markings make them especially attractive. They are of easy culture and quite suitable for cutting.

**CHINENSIS, DOUBLE MIXED.** [hA-12 in.] This variety supplies an abundance of fringed double flowers. They resemble Sweet William, but the blossoms are larger. **Pkt., 5c.**

**HEDDEWIGII LACINIATUS DOUBLE MIXED (Japan).** [hA-12 in.] Superb flowers rivaling the Carnation in size and doubleness of blossoms. Excellent for bouquets. **Pkt., 10c.**

**HEDDEWIGH SINGLE MIXED.** [hA-12 in.] **Pkt., 10c.**

**PLUMARIUS, SINGLE and SEMI DOUBLE MIXED.** [hP-12 in.] **Pkt., 10c.**  
Dianthus (See also Carnation, Sweet William).

## Didiscus

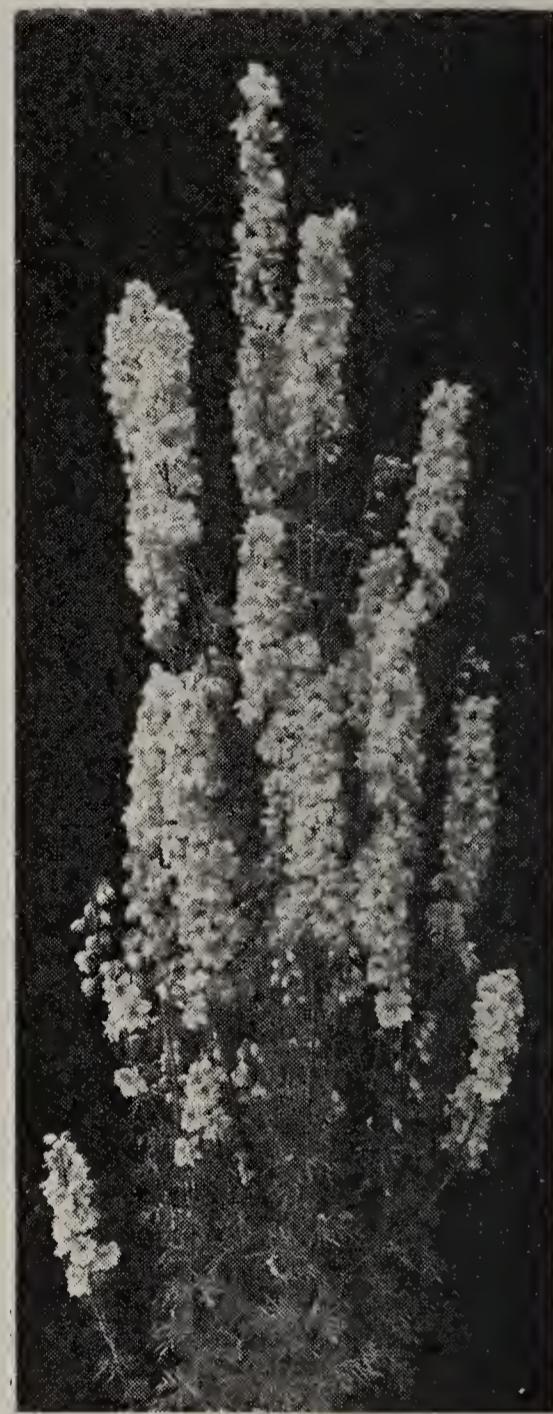
**BLUE LACE FLOWER.** [hA-2 1/2 ft.] The clusters of slender flower tubes on this dainty plant are heavenly blue in color and spread out like miniature lace parasols. Florists everywhere appreciate its grace and beauty as a cut flower. In home gardens it does best in cool locations. It does not grow well in hot dry weather. Each plant needs a foot of space. **Coeruleus Blue, pkt., 10c.**

## Dimorphotheca

**AFRICAN DAISY.** [hA-12 in.] This annual can well be used to furnish a late splash of color in the rock garden and in low beds and borders. The spreading plants are covered with a wealth of large daisy-like blossoms which expand in full sun but close toward nightfall. Dark centers, common to all varieties, enhance their beauty. African Daisy is a splendid winter flower in California and the Southern States if sown in late fall. **Orange.** The original form, a beautiful bright orange. **Pkt., 10c.** **Hybrids.** Many colors from lemon yellow to deep orange. **Pkt., 10c.**



Delphinium Pinks



Delphinium

**Digitalis (Foxglove)**

**GLOXINIAFLORA.** [hP-3 ft.] Much of the quaint charm of an old fashioned garden is created by stately spires of Foxglove. Their long spikes are crowded with large thimble-shaped blossoms beautifully spotted on the exposed interior surfaces. They are ornamental subjects for naturalizing among shrubs or in the background of a hardy border.

**Rose—White—Mixed.** Pkt., 10c.

**Erinus**

[hP-R-4 in.] A crevice in a wall or a semishaded spot in the rock garden may be made gay in late spring by planting this spreading Alpine. Tidy rosettes of leaves hug the rocks while countless tiny spires of white and purplish-violet blossoms rise above them. **Alpinus Mixed,** pkt., 25c.

**Eschscholtzia**

**CALIFORNIA POPPY.** [hA-12 in.] California glories in this, its state flower, and today it is planted everywhere. It blooms profusely all summer. The plants grow in tufts, and the blue-green foliage is very lacy. The long tapering buds expand into handsome saucer-shaped blossoms. We specialize in these flowers.

**AUTUMN GLORY.** The flowers are very large and double. The outside of the petals is brilliant orange-crimson, and the inside is coppery orange. They are beautifully frilled. **Pkt., 10c.**

**EXTRA GOLDEN (The True California Poppy).** A robust strain with flowers of rich, pure gold coloring. **Pkt., 5c.**

**RAMONA.** A charming variety with frilled single flowers of a copper-gold color, shading to pink. **Pkt., 10c.**

**SUNLIGHT.** A long stemmed plant with many gorgeous flowers of pure canary yellow. **Pkt., 10c.**

**WHITE.** Rich, satiny white. **Pkt., 10c.**

**MIXED.** A delightful combination of vivid colors. **Pkt., 10c.**

**Geranium**

**PELARGONIUM.** [tP-2 ft.] Geraniums are usually propagated from cuttings, but they are also readily grown from seed which assures the only means of discovering new varieties. Reds predominate, but soft tints of pink, rose, and white are frequent. In a northern climate the plants should be taken indoors before frost.

**ZONALE.** Very free blooming with exquisite zoned and variegated leaves. **Pkt., 10c.**

**GERBERA (Transvaal Daisy).** [tP-18 in.] **Pkt., 25c.**

**GEUM.** [hP-2 ft.] Double Scarlet. **Pkt., 10c.**

**GILIA.** [hA-2 ft.] Tricolor.

**Gloxinia**

[tP-10 in.] Properly these gorgeous plants are house or conservatory subjects, but with a little care the flower lover can grow them. Dark green, plush-like leaves form a handsome base topped by numerous stalks of large trumpet-shaped flowers. These are of velvety texture and rich colors, including purplish-violet, crimson, pink, and lilac, usually with light throats beautifully spotted. The plants grow best in cool surroundings and rich moist soil.

**HYBRIDA GRANDIFLORA MIXED.** Pkt., 5c.

**GODETIA (Satin Flower).** [hA.] **Mixed Pkt., 10c.**

**GLOBE AMARANTH (Gomphrena, Everlasting).** [hA.] **Pkt., 10c.**

**GOURDS** [hA-C-12 ft.] All kinds. **Pkt., 10c.**

**GYPSOPHILA (Baby's Breath).** These airy plants are almost devoid of foliage, but their extremely delicate, well branched stalks produce a charming misty effect in the garden. They bear numerous tiny blossoms. They will thrive almost anywhere.

**ELEGANS LARGE FLOWERING WHITE (Paris Market).** [hA-2 ft.] An improved strain with single large pure white flowers. Sow at intervals to maintain a supply throughout the summer. **Pkt., 5c.**

**PANICULATA DOUBLE WHITE.** [hP-3 ft.] Superior to the older hardy sorts, producing graceful sprays of tiny rose-shaped flowers. Very desirable for cutting. Still unfixed, but produces a good proportion of doubles. If cut before the flowers are fully open, sprays of this variety can be used to give a mist-like appearance to winter bouquets. **Pkt., 25c.**

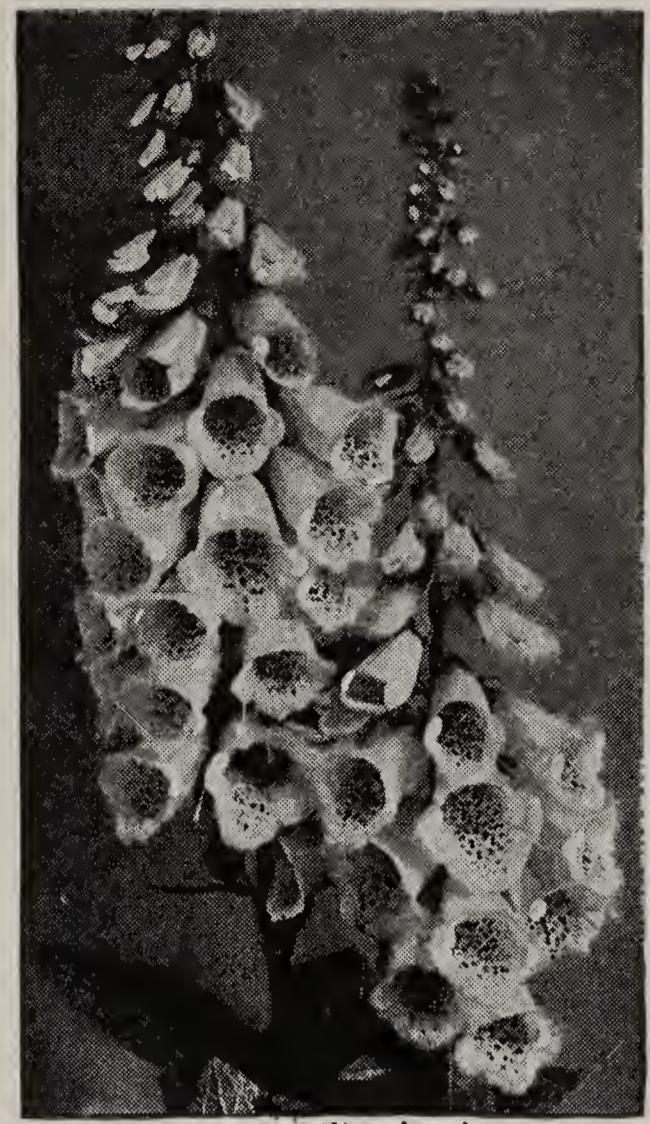
**HELIANTHUS.** (See Sunflower.)

**Helichrysum**

**STRAW FLOWER.** [hA-2½ ft.] The finest of all Everlastings for the home garden. They are very handsome when growing in the open and make unusually fine winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. They come in a wide range of brilliant and soft colors.

**Buttercup**      **Fireball**      **Rose Queen**  
**Copper King**      **Golden Ball**      **Mixed**

Any of above. **Pkt., 10c**



Digitalis (Foxglove)

**Four O'Clock**

**MARVEL OF PERU, TALL.** [tP-2 ft.] Treated as an annual, this thrifty family produces plants suitable for growing as a hedge or as a low screen along a fence. The green of the leaves is relieved by a succession of brilliant buds and salver-shaped flowers in a fine range of colors. The flowers have an interesting habit—they open in the late afternoon, remain expanded all night, and close again the next morning in the heat of the sun. They bloom from mid-summer to frost, and their roots may be stored over winter and replanted the following spring. **Red, striped.** Pkt., 10c. **Mixed,** pkt., 5c.

Foxglove (See Digitalis).

**Gaillardia**

**BLANKET FLOWER.** Tones of orange, yellow, red, and maroon, often beautifully combined in a single blossom, make these flowering plants gay ornaments of the garden all summer long. The foliage of soft green combines well with the flowers. The blossoms are 2 to 3 inches across. Both the annuals and perennials are favorites for the border.

**SINGLE PICTA MIXED** [hA-18 in.] Large daisy-like blossoms of yellow and bronze with central cones of yellow. 10c.

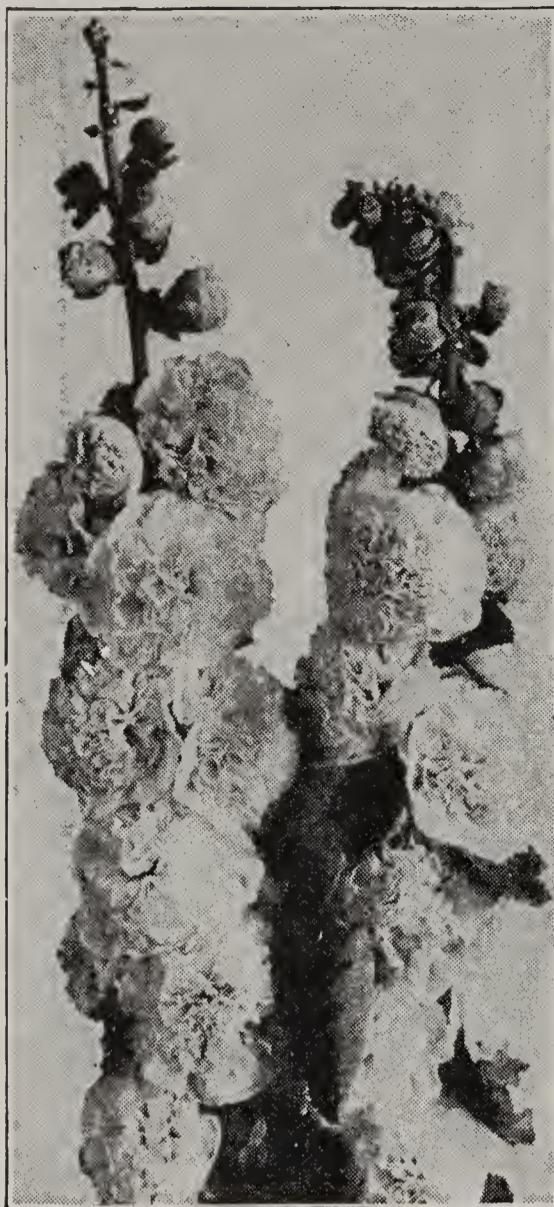
**DOUBLE PICTA LORENZIANA MIXED.** [hA-18 in.] Globular heads of tubular florets in shades of sulphur, orange and claret.

**Packet,**  
10 cents.  
**Gran-**  
**diflora**  
**Portola**  
**Hybrids**  
[hP-2  
feet]  
Semi-  
double  
blooms  
of mag-  
ni-  
ficent  
size and  
broad  
over-  
lapping  
petals  
golden  
tipped  
around  
glow-  
ing centers  
of  
bronzy  
red. Pkt., 15c.

**GRANDIFLORA MIXED.** [hP-2 ft.] Large single composite flowers with rich maroon centers circled by orange edges. Pkt., 10c.



Gaillardia  
Mixed



Hollyhock

**Iberis**

**PERENNIAL CANDYTUFT.** [hP-R-8 in.] Hardy Candytuft is a good plant for the rock garden in late spring. It is of spreading habit and is covered with large flat clusters of small lilac flowers shading white toward the centers of the clusters. It is of easy culture, and while the flower stalks and foliage die down in the winter, the roots lie dormant, sending up a new growth early the following season. **Gibraltarica**, pkt., 10c.

**Incarvillea**

**HARDY GLOXINIA.** [hP-18 in.] From among China's treasures comes this choice perennial. It produces a group of vivid green leaves, similar to the Ailanthus in form, above which tall strong stems carry several tubular flowers. These blossoms have a broad expanded five-lobed brim and are rich rosy carmine with bronze marking at the throats, much like the Gloxinias. It succeeds well in the sunny border. **Delavayi**, pkt., 10c.

**HEAVENLY BLUE (Early Flowering Sky Blue).** This remarkable vine grows rapidly and supplies a quantity of huge, dark green, glossy leaves. The blossoms are clear sky blue with cream-colored throats. (See illustration, page 71.) **Pkt., 10c.**

**IMPERIALIS LARGE FLOWERED MIXED (Japanese Morning Glory).** One of the handsomest of all Morning Glories. The plant grows very quickly and supplies handsome foliage which is only surpassed by the beauty of the flowers. These attain a large size and appear in a wide range of radiant colors and with odd markings. **Pkt., 10c.**

**SETOSA (Brazilian Morning Glory).** Clusters of pretty blue or purple flowers appear on this large growing vine. Each blossom bears a pink start in its center. **Pkt., 10c.**

**Kochia**

**MEXICAN FIRE BUSH, SUMMER CYPRESS.** [hA-2½ ft.] The symmetry and attractive appearance of this hedge plant make it a favorite with the home gardener. The moss-like foliage remains clear, bright green until frost, when it turns to a beautiful bronze red. The plants grow easily in moderately rich soil. **Childsi**, pkt., 10c.

**Kudzu Vine**

**PUERARIA THUNBERGIANA, JACK-AND-THE-BEAN-STALK.** [hP-C-30 ft.] This great vine will attain a height of 8 to 10 feet the first season. When once established it may grow from 40 to 50 feet in a season. The large, bright green leaves afford excellent shade, and the climber is further embellished with small clusters of rosy pea-shaped flowers. It will thrive in the poorest soil. **Pkt., 10c.**

**Heliotrope**

[tP-2 ft.] In the border the somber green foliage and large clusters of dark blue to deep violet flowers of this fragrant plant lend themselves to pleasing contrasts with the more vivid leaves and blossoms of other plants. It is a rapid grower and from seed started early in spring will make fine flowering plants by early summer, while in a warm climate it will continue to live and bloom all winter. **Dark Varieties Mixed**, pkt., 10c.

**Hesperis Matronalis**

**SWEET ROCKET.** [hP-18 in.] A hardy old-time favorite because of its delightful fragrance during the evening hours. Of bushy habit it bears spikes with open clusters of four-petaled flowers resembling single Stocks. **Purple, White, pkts., 10c each.**

**Heuchera**

**CORAL BELLS.** [hP-R-12 in.] An American species of great charm for the low border or the rock garden. The plants make compact low growing mats of deep green leaves, sometimes tinged with white or red, from which rise graceful slender stalks. These are adorned with airy clusters of tiny bell-like flowers of bright coral pink. **Sanguinea (Crimson Rose)**, pkt., 25c.

**Hibiscus**

**MALLOW.** [hP.] Robust growth, luxuriant foliage, and gorgeous saucer-shaped flowers characterize this hardy large-branching plant. A wealth of brilliant showy blossoms, 4 to 6 inches in diameter, are produced from August to frost. The plant does well in almost any situation and is excellent as a tall hedge or background.

**MARVEL'S MIXED.** [4 ft.] Large, handsome flowers appearing in tones of red, rose, and white. **Pkt., 10c.**

**Hollyhock**

[hP.] Almost every garden or door-yard has a place for stately Hollyhocks. A tall group among shrubs or evergreens, a row lining a garden wall or fence or with a white cottage as a background, may easily produce an effect for an artist to paint. The dignified stalks provided with many large green leaves are richly adorned with flowers near the top.

**ALLEGHENY.** [7 ft.] A particularly tall growing Hollyhock supplying huge semi-double flowers, deeply fringed and frilled at the edges. **Mixed**, pkt., 10c.

**DOUBLE.** [5 ft.] Our strain of this excellent variety produces extremely double flowers that resemble small Peonies with dainty, closely packed petals. **Crimson, Deep Rose, Newport Pink, Salmon, Scarlet, White, Yellow, Mixed**, pkt., 10c.

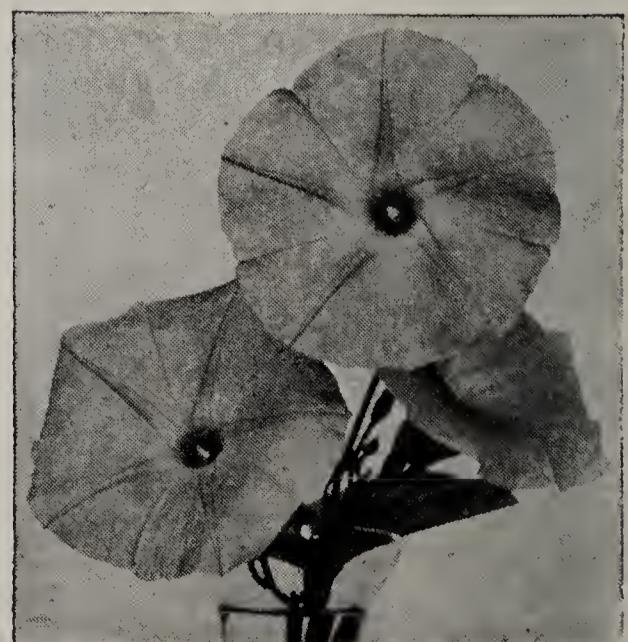
**Ipomoea**

[hA-C-12 ft.] The luxurios rapid growth of this class of climbers recommends them for use as screens over porches and arbors. Their foliage is dense, of varying shades of green, and the leaves of certain sorts are of great size. The flowers resemble those of the Morning Glory, but are usually much larger, and in a broad range of delicate colorings. To hasten the germination, soak the seed for several hours before planting.

**BONA NOX (Evening Glory).** A stout, twining variety with broad, smooth leaves and delightful violet-hued flowers that remain open during the evening. **Pkt., 10c.**

**GRANDIFLORA ALBA (Moon Flower).** A vine that surpasses all others of its class in size and beauty of flowers. These are extremely large, pure white, and sweet scented.

The flowers open each evening, to bloom until morning. **Pkt., 10c.**



Ipomoea—Heavenly Blue

**Larkspur**

[hA-3ft.] Annual Delphiniums are adorned with finely cut, feathery foliage of soft green which sets off to advantage the handsome long floral spikes of double blossoms. The colors are very satisfying, for they range from pure white through soft shades of lavender and pink to deep blue. They bloom from early summer until fall.

**Double Tall Stocks Flowered.**

**BRANCHING SORTS.** The following varieties with lateral branches are quite spreading, but they produce many fine spikes. **Sky Blue, Lustrous Carmine, Dark Blue or Purple, Pink, White. Pink (Rosamond), 10c.**

**UPRIGHT CLASS (Imperial).** This newer form produces plants of erect habit, branching from the base, affording longer stems for cutting. **Blue Spire, Los Angeles Improved, Exquisite Pink Improved, White Spire, Giant Hyacinth Flowered, Mixed, pkt., 15c.**

**Lathyrus**

**LATIFOLIUS (PERENNIAL SWEET PEA).** [hP-C-5 ft.] This sturdy vine with luxuriant pea-like foliage bears handsome flowers, also pea-shaped, in large clusters of 8 or 10 each; they are somewhat thick and waxy in appearance. The vine may be trained upon a support, but it is also well adapted to scramble over rocks and other rugged places. The plants bloom for a long period, although in a northern latitude they die at frost to renew growth in the spring. **Mixed, pkt., 10c.**

**Lavender**

**LAVANDULA VERA.** [hP-2 ft.] This is the lavender our grandmothers grew and dried. It is a pleasing addition to the home garden, too, because of the feathery gray foliage, the little lavender flowers, and the dainty fragrance. A native of dry, sandy wastes, this plant may easily be cultivated in any garden soil. **Pkt., 10c.**

**Linum**

The flax family numbers several varieties with such brilliant flowers that they deserve a place in the home garden. While the life of the individual flowers is short, the continued succession prolongs the blooming season through the summer. Suitable for growing in beds or low borders.

**GRANDIFLORUM RUBRUM (Scarlet Flax).** [hA-18 in.] Produces clusters of saucer-shaped flowers of a glossy bright red with dark centers. **Pkt., 10c.**

**PERENNE BLUE.** [hP-18 in.] Of graceful form with arching stems carrying small sky-blue blossoms veined darker blue and with light centers. **Pkt., 10c.**

**Linaria**

This interesting species bears flowers which resemble miniature Snapdragons ending in single elongated spurs. It includes both trailing and erect growing varieties which are little known but worthy of greater attention.

**FAIRY BOUQUET MIXED.** [hA-10 in.] Much more compact than other Maroccana strains. The neat little plants are excellent for edgings and suitable for rock gardens. We particularly recommend this new variety. **Pkt., 15c.**

**Lobelia**

Everyone who has planted Lobelias in his garden knows how effective they are. Varieties differ in color and habit, but all of them bear dainty flowers somewhat like tiny butterflies in form. The annuals because of their low growth and compactness of foliage are invaluable for edgings and for use in rock gardens. They are covered with flowers for a long season.

**Larkspur**

**CELESTIAL OR TRUE BLUE.** [hA-4 in.] The finest variety with green foliage. The flowers are bright blue with tiny white throats. **Pkt., 10c.**

**CARDINALIS (Cardinal Flower).** [hP-2 ft.] A hardy native plant, its long spikes adorned with dazzling scarlet flowers. **Pkt., 25c.**

**Lupin**

The foliage of all varieties of Lupin is in the form of many lance-like rays about a common center. Pea-shaped blossoms are compactly placed on upright tapering spikes. The plants prefer a semi-shaded spot, and should be sown where they are to remain.

**HARTWEGII.** [hA-2 ft.] Branching in habit, this class forms many fine large flowered spikes and is the best annual type for cutting.

**Dark Blue—Light Blue—Rose—Mixed. Pkt., 10c.**

**TEXENSIS** [hA-12 in.] The wild Blue Bonnet of Texas, particularly useful in dry situations. **Pkt., 5c.**

**POLYPHYLLUS MIXED** [hP-3 ft.] This beautiful hardy type is taller than the annual varieties. It produces a continuous succession of noble spikes in a wide range of colors. **Pkt., 10c.**

**Marigold**

[hA.] Late in the season when many other growing things are past their prime, these plants supply an abundance of decorative blossoms. Their tones of orange and yellow blend well when the flowers are arranged loosely in bowls and vases. The bright green foliage is finely cut, and the stems are stout. Tall Marigolds give charm to the border, while the dwarfs are valuable for bedding and made ideal edging plants.

**AFRICAN TALL DOUBLE (Tagetes erecta).** [2 1/2 ft.] Very large globular flowers composed of compact tubular or quilled petals. The stems should be cut carefully to avoid the somewhat disagreeable odor when bruised. **Mixed.** Pleasing combination of the above varieties to produce a rich effect. **Pkt., 10c.**

**GUINEA GOLD (African).** [2 ft.] Carnation-like petals and unusually brilliant golden color make this flower outstanding among Marigolds. It lacks much of the pungent odor of other Marigolds. The plant blooms very freely, and practically all of the flowers are double. **Pkt., 10c.**

**YELLOW SUPREME (African).** [26 in.] This is the newest of the Marigolds. The fluffy flowers of light golden yellow are double and semi-double, with petals broad and loose. The inner petals are shorter, curving in slightly so that the center is partly covered. The foliage is dark green with paler green stems. This Marigold does not have the odor which is disagreeable to some people; it is even slightly fragrant. **Pkt., 10c.**

**TALL DOUBLE SORTS** [2 1/2 ft.] These are useful for border decoration and produce handsome cut flowers. **Pkt., 10c.**

**DWARF DOUBLE VARIETIES.** [10 in.] These are the most noteworthy of the French strains, and the symmetrically rounded plants have few equals for bedding and edging. The blooming period is long, and the brilliant shades of well-formed flowers stand out strikingly against the dark foliage. **Gold Striped, Golden Ball, Maroon. Mixed, pkt., 10c.**

**Marigold—Guinea Gold (African)**



Nasturtium

### Nasturtium

**Tropacolum.** [hhA.] When some visitor, returning from Peru, introduced Nasturtiums to gardeners he conferred a great blessing, for today it is one of our foremost flowering plants. It starts to bloom at an early stage, and for length of blossoming period it has no equal providing the flowers are picked before seed is formed. The odd-shaped flowers with their open throats and trailing spurs are well liked for cutting. The circular leaves should always be used with the blossoms in bouquets. With the exception of blue, the color range is complete.

**Tall Varieties (Trailing).** [5 ft.] These climbing or running sorts are chiefly of the "Lobbianum" class which produces flowers of better form and larger than the common tall or "Majus" varieties. They are admirably adapted to covering a fence or trellis or to droop over a retaining wall.

**Trailing Mixed.** Pkt., 10c.

**Tall Mixed.** Pkt., 5c.

**Dwarf Varieties.** [12 in.] These low-growing bushy kinds are often called "Tom Thumb." They form symmetrical plants of uniform stature well suited for edgings or borders.

**Mixed.** Pkt., 10c.

**Golden Gleam.** [3 ft.] This was the first double or semi-double Nasturtium to come true from seed. The fragrant golden yellow blossoms, carried on long stems, are attractive as cut flowers, and the somewhat trailing plants are ornamental in any garden. You will be astonished at the wealth of plants produce. Several thousand from one packet have been reported by some of our customers. **Pkt., 10c.**

**Scarlet Gleam.** [3 ft.] This new flower is the sister of Golden Gleam. Its semi-double blossoms are similar in size and shape to the popular golden nasturtium. Its color is brilliant scarlet. (For further description, see page 48.) **Pkt., 10c.**

**Gleam Hybrids.** [3 ft.] Hues of salmon, rose, yellow, primrose, and red are some of the colors of these new semi-double nasturtiums. They are bright, free blooming, and very pretty. (For further description, see page 48.) **Mixed.** Pkt., 10c.

### Nicotiana

[hhA-2 ft.] You will have rare perfume in the garden both morning and evening as well as fine decoration in the border if you plant this airy member of the Tobacco family. The graceful stems, slightly branching, rise above the leaves of vivid green and bear clusters of gay blossoms. The flowers are like long horns with five flaring lobes.

**Affinis Hybrids.** A variety of colors including white, lavender, purple, rose, and red. **Pkt., 10c.**

### Nigella

**Love-in-a-mist.** [hA-18 in.] Soft feathery foliage which partly conceals the blossoms has surrounded this plant with a bit of mystery. The petals form a rosette with toothed edges, in the center of which is a dome-shaped pistil with stamens crooked fantastically above it and a wreath of mossy green fibers around it. The plant will grow from seed sown in the open ground.

**Damascena (Miss Jekyll).** A lovely variety with cornflower-blue, coquettish flowers on long stems. **Pkt., 10c.**

### Matthiola

**Evening Scented Stock.** [hA-15 in.] Sweet perfume during the twilight hours or following a shower where these plants grow is sufficient reason for including them in every garden. They bear many small mauve-colored flowers resembling those of single Stocks.

**Bicornis.** Pkt., 10c.

### Mimosa

**Sensitive Plant.** [hA-12 in.] Leaves that droop and fold at the slightest touch make this plant an interesting addition either to the outdoor summer garden or to the inside window garden in winter. The phenomenon also takes place naturally each night and in damp weather. The plant bears small rosylilac blossoms which are as dainty as the fern-like foliage.

**Pudica.** Pkt., 10c.

### Morning Glory

**Convolvulus Major.** (See also Ipomoea.) [hA-C-10 ft.] Picture your garden fence covered with the dewy foliage and blossoms of a superior Morning Glory in the early summer mornings. The heart-shaped leaves are of fine green color, and the multitudes of trumpet-shaped flowers come in beautiful clear colors. They close about noon but open the next morning in all their splendor.

**Blue; Crimson.** Pkt., 10c.

### Myosotis

**Forget-me-not.** [hhP-R-8 in.] While this charming spring flower will grow in the open border, there is some partially shaded damp spot in almost every garden where it will flourish and be a joy. The Alpine variety which we offer is of rather spreading habit with velvety leaves, above which rise the pretty floral clusters of dainty five-petaled blossoms. The flowers, a clear Wedgwood blue with tiny yellowish eyes, are borne in profusion. Start early for flowers the first season or sow in summer for blooms the following spring.

**Alpestris Blue.** Pkt.. 10c.

### Oenothera

**Evening Primrose.** [hB-2 1/2 ft.] A twilight blooming plant. Flowers of brilliant yellow are often three inches across. Clusters of them decorate the tops of upright spikes which are arranged in the form of a candelabra.

**Lamarekiana.** Pkt., 10c.

### Pansy

[hA-8 in.] Gardeners who want Pansies that are really good must choose their seed with unusual care. It takes many years to develop perfect strains and great care to keep them stable. In the several strains which we offer, to suit different uses and different purses, it is our aim to approach the ideal plant. The ideal is robust and compact with handsome foliage. It should bear an abundance of five-petaled flowers of fine velvety texture, circular in outline, on stiff stems.

**Trimardeau.** A large flowering class with well rounded flowers. Normally, the upper two petals are of the same single color, contrasting with another shade in the three lower petals which are beautifully blotched. An excellent bedding mixture in many colors, chiefly the rich darker shades. **Pkt., 10c.**

**Steele's Mastodon.** A vigorous Oregon type, particularly desirable for cutting as the plants are taller and have longer stems. Esteemed in California for bedding. A fine blend for bright effects. **Pkt., 25c.**



Pansy

# PETUNIAS

## *in gay colors*

What flowers succeed under more unfavorable conditions than Petunias? And what flowers lend themselves to more uses? When massed in beds they truly form "a sea of color." As low border plants they are kaleidoscopic in their shades and tints. In window boxes or overhanging a terrace wall they are brilliant trailers. They make good house plants too, the fringed and double flowering varieties supplying magnificent blossoms. These low-spreading plants with their trumpet flowers love the sunshine, they often bloom within two months after seed is sown, and when frost comes they will still be making a brave display. [hA]

### Hybrida

[2 ft.] Bushy plants of great value for massing in beds or grouping in the border to replace early spring flowers. While the single flowers are not particularly large, their great number makes a gorgeous show.

**Blue King—Howard Star—Rose King—Violet King—Choice Mixed. Pkt., 25c.**

**NANA ERECTA.** [14 in.] As an edging, or for dotting the front of a border, these low growers with their dainty petite single blossoms are superb. The plants bear bountifully.

**Rose of Heaven**

**Rosy Morn**  
Pkt., 15c.

**Heavenly Blue**

**BALCONY or TRAILING.** [15 in.] To droop over the edge of a window box or to overhang a terrace, these are the best Petunias to select. They differ from the bushy varieties by producing longer, more spreading plants. In their several colors the single flowers are very gay, either alone or in combination. Larger flowered than the Hybrida type.

**Blue Rose White Mixed**  
Pkt., 15c.

**GIANT RUFFLED AND FRINGED.** [14 in.] These single blossoms are immense. Because of the vigor that goes into the blossoms, the plants themselves are often relatively small. The flowers are all gracefully fringed or ruffled at the flaring edge of their trumpets. They come in colors that are rich and gorgeous and are usually delicately veined inside their wide open throats.

**Theodosia.** Soft rosy pink with veined yellow throat. **Pkt., 50c.**

**Mixed. Pkt., 25c.**

**GIANTS OF CALIFORNIA.** [13 in.] The largest single Petunias known. Many are charmingly



Petunia

frilled; some have plain wavy edges in a wide range of colors; all have beautifully veined interiors.

**Mixed. Pkt., 25c.**

**DWARF GIANTS OF CALIFORNIA MIXED.** [10 in.] These flowers are very large and open-throated, and they come in a wide range of colors.

The plants are compact in habit. They are more suitable for window box or pot plants than for garden use. **Pkt., 50c.**

### Phlox Drummondii

[hA-12 in.] Early Texas settlers were delighted with the wild Phlox that made the landscape vivid with color. From these American wild flowers have come the splendid varieties of today. By selection and breeding, modern Phlox drummondii has become more regular and compact in habit, the blossoms have

come larger and better in shape, and the clusters more dense and symmetrical. Today the plants bear many broad clusters of large five-petaled flowers. For variety of bright fresh colorings they are unequalled, and they flower freely during the entire summer.

**Mixed.** The best large flowered varieties, unexcelled for profusion of bloom and well blended in a wide range of brilliant colors. **Pkt., 10c.**

**Flowers thrive when fed properly.**  
(See page 45)

### Physalis

**CHINESE LANTERN.** [hP-18 in.] Suggestive of the Orient are the orange red colors of this Japanese plant. The flaming lanterns are unique in form. Ranged as they are along stiff stems they are effective for winter decoration in the house. Either with silvery Lunaria or with perennial Baby's Breath (Gypsophila paniculata), they are of special beauty. Pods do not usually develop until the second year, but the small yellow and brown flowers are unobtrusively pleasing, and Physalis is a valuable addition to any perennial border. The plants grow easily from seed and tend to self-sow.

**Francheti. Pkt., 10c.**

### Physostegia

**FALSE DRAGON HEAD.** [hP-3 ft.] In midsummer when hardy borders often lack bloom, this perennial comes into flower. From the spreading roots rise many erect, slender, wand-like stems decorated with narrow pointed leaves. Terminally they carry tapering floral spikes 6 to 8 inches long, bearing rows of small tubular blossoms set on four sides of the stem. The individual florets slightly resemble the Snapdragon and are a delightful shade of rosy lilac. An effective border plant and desirable for cutting.

**Virginica. Pkt., 10c.**



Phlox Drummondii



Chinese Lantern Plant



Iceland Poppy

### Poppy

Every child and every grown-up knows and loves poppies and associates them with summer. What a glorious riot of color they bring, with almost every shade of the rainbow available in the wide range of varieties! There are double and single blossoms, and both are delicate in texture and graceful in form. As a rule, the individual flowers do not last long, but others follow in rapid succession to replace them, and the gay show goes on.

**SHIRLEY.** (hA-18 in.) This delightful group sprang originally from the common European Field Poppy, which everyone knows as the Flanders Field Poppy of the World War. The plants with their deeply cut foliage, slender hairy stems, and silky petaled blossoms, often fluted, present a delicate airy picture as they nod in the slightest breeze.

**SINGLE AMERICAN LEGION.** This is a dazzling scarlet with white cross at center. The best substitute for the wild Flanders Poppy. **Pkt., 10c.**

**SINGLE MIXED.** A superb blend of this beautiful type of Poppy ranging in color from pure white through tones of salmon, pink, and rose to brightest carmine-red. **Pkt., 10c.**

**TALL SOMNIFERUM.** (hA-3 ft.) It is to this class that the Opium Poppy of the Orient belongs, but we do not handle the seed of that particular variety. These robust plants are of imposing stature, carry an abundance of thick wide leaves, and bear large flowers on stout stems. **Pkt., 10c.**

**SINGLE MIXED.** A varied collection of single deeply cupped flowers, many with fringed petals.

**DOUBLE CHOICE MIXED.** A wide selection of

### Portulaca

**MOSS ROSE.** [hA-6 in.] This garden gem will thrive in a dry sunny spot where most other flowering plants would die of thirst. It is of spreading habit with fleshy stems, light green in color and often tinged with red. Small needle leaves give it a mossy appearance. The glossy cup-shaped single blossoms and rose-like double flowers about one inch across cover the plants and create a dazzling display of color throughout the summer.

**SINGLE.** This large flowering type with gay single flowers is very satisfactory. **Pkt., 10c.**

**DOUBLE MIXED.** Sometimes called "Bed of Roses." A choice blend which, while never entirely fixed, will produce a large percentage of doubles. **Pkt., 10c.**



Portulaca

vivid colors chosen from Carnation and Peony types. **Pkt., 10c.**

**NUDICAULE (Iceland Poppy).** (hP-R-18 in.) This hardy Poppy slightly resembles the delicately formed annual Shirley. However, the plants are somewhat different in habit and contain many shades of yellow and orange. At its base each plant forms a neat tuft of finely cut leaves above which rise bare wiry stems holding cup-shaped single flowers. Iceland Poppies are valuable in a hardy border or in a permanent rock garden, and when in bud they are desirable for cutting. **Pkt., 15c.**

**ORIENTALE.** (hP-2 1/2 ft.) These are the royal members of the Poppy family. They are majestic in all their characteristics, have magnificent foliage, sturdy stems, huge cup-shaped flowers with crinkled petals, and large decorative pods. In the herbaceous border they form a gorgeous picture.

### Red—Hybrids—Pkt., 10c.

**PRIMULA (Primrose).** Certain varieties of this plant are tender, while others are hardy and give fine satisfaction in the open ground, preferably in rich soil and partial shade.

**MALACOIDES (Baby Primrose).** (tP-16 in.) A favorite for growing outdoors in mild climates and one of the best Primroses for potting. Clusters of dainty lilac blossoms on long stems. **Pkt., 15c.**

### Pyrethrum

This plant is cousin to the Chrysanthemum and Matricaria and should play an important part in many a well planned garden. We list a sort desirable as a decorative foliage plant, and also handsome flowering sorts charming in the hardy border and useful for bouquets.



Salpiglossis

**ROSEUM (Painted Daisy).** (hP-2 ft.) Though unfamiliar to many gardeners here, this hardy Persian Daisy has long been a favorite in European gardens. We whole-heartedly recommend it. The plants are erect growing, consisting of upright slender stalks adorned with fern-like leaves and carrying fine terminal blossoms.

**SINGLE MIXED.** Radiating petals in many tones of rose and red about a golden center. **Pkt., 10c.**

**DOUBLE MIXED.** A fine percentage of fully double or crested flowers in shades of salmon, rose, crimson, and pure white. **Pkt., 25c.**

### Ricinus

**CASTOR BEAN.** (tP.) When quick shrub effects for temporary backgrounds or screens are needed, these tall tree-like plants are excellent. Their growth in a single season is remarkable, and they are highly ornamental. The broad leaves, glossy green or metallic bronze in hue, are palm-shaped and beautifully lobed, and the long spikes of seed pods are scarlet or green. They should be used as an annual in cold sections. Because they grow so rapidly, they require rich soil and plenty of water.

**MIXED.** (8 ft.) A desirable mixture of many fine varieties. **Pkt., 10c.**

### Salpiglossis

**PAINTED TONGUE, LARGE FLOWERED.** [hA-2 1/2 ft.] For delicate grace, richness of coloring, and velvety texture, the regal Salpiglossis has practically no equal. From a low base of leaves rise slender wiry stalks which bear one or more large lily-like flowers in a magnificent range of colors. The gold veining of their deep throats is often pronounced and adds to their beauty. It is a great favorite in the open and for cutting.

Blue and Gold, Purple and Gold, Superb Mixed. **Pkt., 10c.**

**Scabiosa**

**Pin Cushion Flower.** Garden enthusiasts for many generations have been fascinated by the different members of this flower family. Our selections comprise the most decorative varieties of the annual and perennial types. All are very satisfying while growing in the open and make desirable flowers for bouquets.

**Large Flowered Double (Mourning Bride).** [hA-2 1/2 ft.] One of the most popular of the easily grown annuals for cutting because of the long, wiry stems. It also makes attractive groupings in the garden, especially when planted with annual Gypsophila. The stamens are light in color and in contrast with the petals look like pins stuck into a cushion. There are few deeper colors among the annuals than the dark maroon variety, from which the flower gets its name—Mourning Bride.

**Ageratum Blue Peach Blossom**

**Red White**

**Pkt., 10c.**

**Salvia**

**Flowering Sage.** Unrivalled for its dazzling color, Scarlet Sage maintains its popularity from year to year. The dense dark green foliage forms a fine background for the countless spikes of tubular florets. The blue varieties are less showy, but for beauty of coloring or as cut flowers they are very desirable. Although Salvias are perennial and will live on in a mild climate, they should be treated as annuals and will bloom readily the first season if started early indoors.

**Splendens** [tP-2 ft.] This vigorous Scarlet Sage is a large flowered, early strain. **Pkt., 10c.**

**Patens** [tP-18 in.] One of the finest indigo blue flowers known, less branching than other varieties but attractive in the mixed border. **Pkt., 15c.**

**Sedum**

**Stone Crop.** [hP-R-3 in.] In semi-arid spots, in crevices of walls, and in rock gardens this low tufted plant thrives admirably. At first a multitude of stalks spread from the base of the plant, then finally stand erect and are covered with tiny light green fleshy leaves. In early summer this mossy growth is blanketed with small star-shaped blossoms of golden yellow. **Acre (Golden Moss).** **Pkt., 25c.**

**Shasta Daisy**

**CHRYSANTHEMUM LEUCANTHEMUM.** [hP-2 ft.] To Luther Burbank we owe much for the glorification of our common field Daisy. It is a hardy plant bearing large white, single blooms with handsome yellow centers. They are valuable for border decoration and especially pleasing in bouquets. If the early buds are pinched back, the mass of foliage will be improved while the later flowers will be materially increased in size.

**HYBRIDUM MAXIMUM.** A fine floriferous sort with large flowers, long seasoned. **Pkt., 10c.**

**HYBRIDUM MAXIMUM ALASKA.** Somewhat later in blooming, but the flowers are of extra large size. **Pkt., 15c.**

**Statice**

**EVERLASTING (See Lavender).** [hA-2 ft.] This everlasting of unusual beauty is often seen in florists' shops. It is easily grown and can grace the home garden border as well as furnish fine cut flowers either in the green or dried state. The plants thrive in a sunny location where the soil is quite poor, and they need only a minimum of moisture. **Mixed.** **Pkt., 10c.**

**Stock**

**DOUBLE.** In this class of Gilliflowers the gardener is assured of a delightful perfume. Combined with this pleasing attribute the plants are of neat habit, carrying velvety light green or lustrous bright green foliage and bearing handsome spikes of double rosette-like blossoms on fine stems. Vivid tones and soft shades of color to suit every taste are available. Only single flowered Stocks bear seeds, so no double strain can be reproduced without a small percentage of singles. Our seeds will supply a very large proportion of true doubles.

**DWARF TEN WEEKS.** [hA-12 in.] This early class forms dwarf compact plants that are excellent for edgings or low beds. They often do well in sections where plants of the later types cannot be grown.

**Bright Pink  
Canary Yellow**

**Crimson  
Lavender**

**Mauve  
Purple**

**White  
Mixed**

**Pkt., 10c.**

**BEAUTY OF NICE.** [hA-16 in.] A type developed on the French Riviera. It follows the Ten Weeks class in season of bloom. The plants are pyramidal in shape, branching above the base. This sort is excellent for bedding and for cutting.

**Canary Yellow  
Chamois (Aurora)  
Crimson**

**Lavender  
Light Pink  
Mauve**

**Old Rose  
Purple  
Rose Pink**

**Pkt., 10c.**

**Perpetual Branching.** [hA-20 in.] Sometimes called Dresden, or "Cut-and-Come-Again". This variety is somewhat later in season than Beauty of Nice, and in the North it should be started very early. The plant branches near the base, producing large flower spikes on long clean stems.

**Canary Yellow  
Crimson  
Lavender**

**Mauve  
Old Rose  
Purple**

**Rose  
White  
Mixed**

**Pkt., 10c.**

**Giant Imperial.** [hA-2 ft.] Long stems and imposing spikes of large flowers make this the outstanding variety for florists. It is about as early as Beauty of



**Scabiosa—Mourning Bride**

Nice and resembles it in habit, except that the plant is somewhat less spreading and considerably taller. "Pure line" breeding has made our strains unsurpassed in percentage of doubles. Either for greenhouse or garden they are excellent. **Mixed—Pkt., 10c.**

**GIANT WINTER BROMPTON.** [hhB-2 ft.] This is a later blooming, branching plant which produces huge spikes. For use in the open it is valuable only in mild climates. In Northern latitudes where the season is short it must be taken inside at the approach of killing frosts. **Egyptian (Soft Rose).** **Mixed.** **Pkts., 15c.**

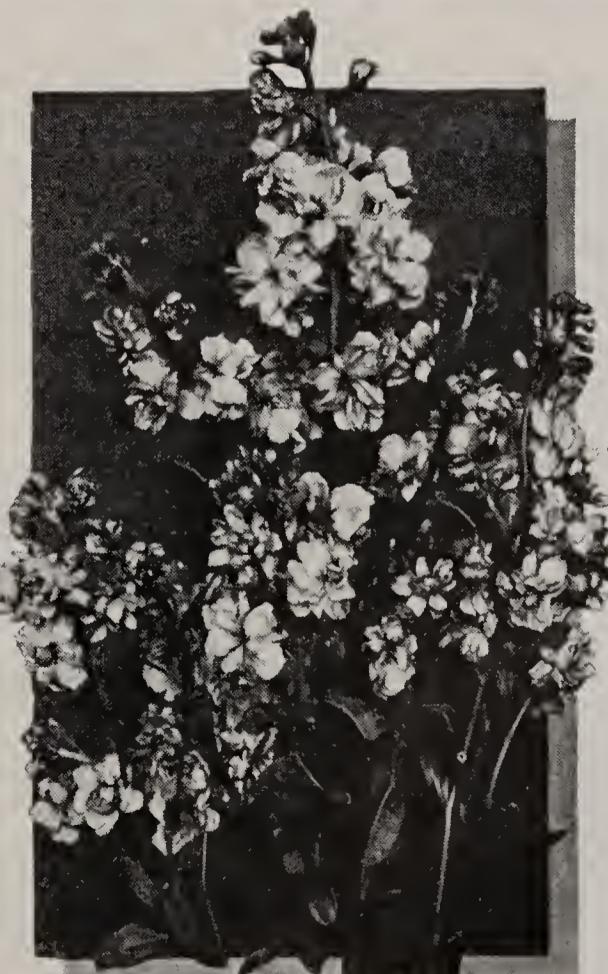
**Sunflower**

**HELIANTHUS.** [hA.] These flowers need to be bathed in sunlight if they are to thrive. Except in the miniature type, each plant has a single robust stalk, sometimes forked near the top, clothed with large heart-shaped leaves, and bearing large circular flower heads. They are admirably adapted for use as backgrounds or tall divisions. **Single Red and Gold.** **Pkt., 10c.**

Treat your  
Flower Seeds  
and Bulbs  
with

**SEMESAN**

2 oz. Can 50c  
Postpaid  
Write for  
**FREE BOOKLET**



**Stock**



Sweet Peas

## SWEET PEAS

Sweet Peas are relatively hardy. They may be planted very early in spring. They do best in well fertilized soil, and they need considerable watering on warm days when evaporation is likely to be high. As soon as the vines are four inches tall, they need support. It is also of great importance to give the plants plenty of room, thinning them to not less than six inches apart.

### LATE SPENCER

#### BLUE

**Fortune.** Dusky violet-blue, flowers large and of fine form. Most striking when used in combination with lighter colors. **Pkt., 10c.**

#### CERISE or CHERRY

**Charming.** A bright rosy cerise. This sort carries fine bold flowers that are beautifully waved. **Pkt., 10c.**

#### CREAM

**Majestic Cream.** A deep rich cream shade. This reliable variety carries excellent flowers that are gracefully waved. **Pkt., 10c.**

#### CRIMSON

**Charity.** Pure crimson. This brilliant sort does not burn to any extent in the sun and is much esteemed for its bold flowers. **Pkt., 10c.**

**Honour.** Rich crimson. This fine English variety bears large beautifully waved blossoms. **Pkt., 10c.**

#### SCARLET

**Royal Scot.** Flame scarlet. Well known wherever Sweet Peas are grown. **Pkt., 10c.**

#### WHITE

**King White.** Pure snowy white. The standard white Sweet Pea before the introduction of Avalanche. **Pkt., 10c.**

**Superb Mixed.** This mixture has been formulated to afford unusual richness and brilliancy. It contains the finest named sorts, and we have endeavored to make it the choicest blend possible. **Pkt., 10c.**

**Choice Mixed.** **Pkt., 10c.**

### EARLY FLOWERING SPENCER

#### BLUE

**Early Blue Bird.** Pure violet blue. Long stemmed and produces fine, waved flowers. It has been popular for many seasons. **Pkt., 10c.**

#### CRIMSON and ROSE CRIMSON

**Early American Beauty** (Morse 1933). A superb variety which resembles its namesake, American Beauty Rose, in its glowing crimson color and great length of stem. It is very vigorous, the blossoms are huge, and four-flowered sprays are common. **Pkt., 10c.**

### LAVENDER

**Early Memory.** The clear rosy lavender of this flower is perfect for blending with pink shades. The vigorous vines bear a heavy and continuous crop of long stemmed large flowers. We forecast it as the leading lavender of the future. **Pkt., 10c.**

#### PINK—Rose Pink

**Early Ball's Rose.** Rich rose pink, holds its color well and produces large well waved flowers. **Pkt., 10c.**

**Early Success.** A lively sparkling rose pink on a white ground. Deeper than any other rose pink. Four flowers are common on the long stout stems. We believe this flower will live up to its name on the flower markets of the country. **Pkt., 10c.**

### WHITE

**Early Snowstorm Improved.** Large frilled flowers on long stems. Clear white. **Pkt., 10c.**

**Early Mixed.** Try a generous row of this mixture in your garden. The blend contains a choice selection of named varieties, and the flowers will make a brilliant show. **Pkt., 10c.**

#### LAVENDER and MAUVE

**Austin Frederiek Improved.** Pure lavender. A dependable variety bearing large flowers of excellent form. **Pkt., 10c.**

**Chieftain.** Pure satiny mauve (deep lavender). The flowers are large and plentiful, stems long, and vines robust. **Pkt., 10c.**

### MAROON

**The Sultan.** Deepest maroon, with a trace of violet. Unparalleled for depth of color. **Pkt., 10c.**

**Warrior.** Rich ox-blood maroon. Handsome large flowers with a sparkling sheen. **Pkt., 10c.**

### ORANGE

#### "Require Shading Against Sunburn"

**Celebrity.** Brilliant orange. Unsurpassed in this color class for vigor, size of flowers, and long stems. Gorgeous under artificial light. **Pkt., 10c.**

### PINK

**Vanity.** Deep geranium pink flushed with salmon on a light cream ground. A flower of exquisite beauty in wonderful "self" effect. Although the color is so brilliant, it does not burn in the brightest sun. **Pkt., 25c.**

### PURPLE

**Olympia.** Royal purple, deep and rich. Large waved flowers, strong vines, and glorious color make this the standard purple Sweet Pea. **Pkt., 10c.**

#### ROSE—Carmine Rose

**Brilliant Rose.** Warm Tyrian rose. A distinct and striking color. **Pkt., 10c.**



Sweet Peas

# A Fragrant Garden with Plenty of Flowers

**SWEET WILLIAM (Dianthus Barbatus).** [hP-2 ft.] When the late Tulips are gone in the spring and before many other flowers are in bloom. Sweet William will ornament the garden with rich and varied color. The hardy plants form erect tufts and bear handsome broad clusters of blossoms like little Pinks with delicately fringed petals.

**SINGLE.** Fine rounded clusters 3 or 4 inches across are composed of many disc-like flowers with overlapping fringed petals gayly colored and marked. **Pkt., 10c; Mixed pkt., 10c.**

**DOUBLE.** Quite similar in habit and form to the single type, but the clusters are made up of many dainty double blossoms. Less showy than the single sorts, but longer in flower. **Mixed pkt., 10c.**

**THUNBERGIA (Black Eyed Susan).** [tP-C-4 ft.] This ornamental creeper will climb as well as twine if offered support. It is decorated by an abundance of fine triangular leaves and produces quantities of tubular flowers with broad expanded overlapping lobes about 1 inch across. The blossoms vary from white through buff to deep orange and are set off by a solid black center. A fine ground cover in sunny spots or overhanging a bare bank. It should be grown as an annual. **Alata Mixed, pkt., 10c.**

**VINCA ROSEA (Periwinkle).** [tP-15 in.] Every year this plant from the Island of Madagascar increases in popularity because of its glossy dark green foliage and profusion of flowers. The blossoms are somewhat like those of Phlox, but they are larger and are not borne in clusters. The plants are entirely free from the attacks of insects. In mild climates they are long season bloomers; in colder sections they may be treated as annuals for late summer and autumn bloom. **Mixed.** A choice blend of named sorts. **Pkt., 10c.**

**VERBENA.** [tP] Do you remember a sunny bare place that was an eyesore in the flower border last summer? Or some other spot that would have been improved by low-growing plants with a dash of color? You will make no mistake by choosing Verbenas for such a need in your next year's garden. These ever popular dwarf creeping plants produce a garnish of somber, dark green foliage enlivened by many fine clusters of star-shaped blossoms with rounded lobed petals. The colors are decidedly refreshing in their brilliancy. Though half hardy, Verbena should be used as an annual and will flower from midsummer to frost from seeds started early in the spring.

**Hybrida Mammoth.** [8 in.] Sometimes called "Gigantea." A choice selection of the large flowering strain which bears fine rounded clus-

**CORNUTA (Tufted Pansies).** [hP-R-6 in.] Those who do not know the Viola often mistake it for a small-flowered Pansy. It belongs to the same great Violet family, but it is distinctly different. It is very hardy, and for that reason it is one of the best edging plants for the permanent border or rock garden. Over neat tufts of foliage the dainty flowers are gracefully poised on slender stems. Frequently the petals of the blossoms do not overlap as they do in many Pansies, and the spur or horn of the lower petal is more pronounced. **Mixed.** An assortment of many rich colors which blend admirably. **Pkt., 10c.**



Sweet William



Verbena

ters of blossoms. Individually they are of splendid size.

**Blue.** Deep violet-blue with white eye. **Pkt., 15c.**

**Scarlet (Lucifer).** Flaming red. **Pkt., 15c.**

**White.** Exquisite pure white. **Pkt., 15c.**

**Mixed.** A superb blend of mammoth sorts. **Pkt., 15c.**

**Hybrida.** [8 in.] The ever reliable bedding type, very floriferous and producing clusters of fine blossoms of excellent size.

There is a wide range of colors,—vivid pink, bright scarlet, deep violet blue. Some flowers have light colored centers which make them distinctive. This variety is very desirable for rock gardens, as well as for low borders, on account of the plant's trailing habits.

**Choice Mixed.** An assortment of the vivid colors and intermediate shades. **Pkt., 10c.**



Cornuta

**VIRGINIAN STOCK** [hA-6 in.] This was a favorite in gardens in the old days, and modern flower lovers should make use of it more often than they do. It can be sown quite early, and as summer comes on it will provide a pretty, fresh effect as an edging or in a low border. The dwarf plants are light green and produce quantities of four-petaled single flowers with a faint perfume. These come in shades of red and white. The plants bloom for many weeks. **Mixed. Pkt., 5c.**

# BRILLIANT ZINNIAS

## for Every Garden

Zinnias love hot weather, so they are particularly adapted to our American summers. They have great appetites, appreciating rich, well fertilized soil and needing a moderate amount of water. Such growing conditions will produce lusty robust plants and gorgeous flowers for any gardener. Zinnias bloom for many weeks.

The several classes which we offer fill many needs in the garden, last for days as cut flowers, and are all of choice quality. [hA]

**DOUBLE DAHLIA FLOWERED.** [2½ ft.] Enormous double flowers are produced by robust branching plants. The flowers usually have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges giving the blossoms a crisp fresh appearance. Although the type is still unstable, most of the flowers are beautifully double. **Canary** (Canary Bird), **Light Rose** (Exquisite), **Crimson** (Crimson Monarch), **Orange and Gold** (Oriole), **Golden Yellow** (Golden Dawn), **Scarlet** (Scarlet Flame), **Lavender** (Dream), **White** (Polar Bear). **Pkt., 25c;** **mixed, pkt., 10c.**

**DOUBLE LILLIPUT.** [12 in.] A charming dwarf which is excellent for low borders or edgings. The plants are of tidy habit and produce a bounteous supply of very double pompon flowers about 1½ inches across. The colors are bright and well varied. **Canary Yellow, Orange, Salmon Rose, Crimson, Purple, Scarlet, White.** **Pkt., 10c.**

**DOUBLE GIANT.** [2½ ft.] Plants are tall, branching, and vigorous. The flowers are usually brighter than the dahlia-flowered type and are nearly as large. Normally they are quite similar in shape, but the center is somewhat more elevated, and the rows of slightly convex petals are more regular,



Dahlia Flowered Mixed

giving the bloom the appearance of being well shingled. This group will give great satisfaction. **Canary Yellow, Pink, Crimson, Purple, Orange, White. Mixed, pkt., 25c.**

**DOUBLE ELEGANS (Cut and Come Again).** [2 ft.] These forerunners of the robust giant sorts produce relatively graceful plants adorned with fine double flowers about 2½ inches in diameter. They are quite dome-shaped and evenly double, and the petals are well overlapped. The colors are vivid, and these varieties are again returning to popularity. **Bright Scarlet, Golden Yellow, Salmon Rose. Pkt., 10c.**

## GARDENING BOOKS

**HOW TO PLAN THE HOME LANDSCAPE** by Arthur H. Carhart. Tells exactly how to make a landscape plan for your home grounds; where to place and how to plan for trees, shrub borders, foundation plantings, flower borders, pools, rock gardens. Shows how to select plant materials for your own place to make it a pleasant, livable garden. Written for the small place; illustrated with 27 special drawings. 96 pages. 5x7¾. **\$1.10 postpaid.**

**HOW TO GROW PERENNIAL FLOWERS** by Victor H. Ries. Complete directions for the beginner on the small place. Tells where to use perennials in the garden; methods of propagation and care of the flowers to beautify your garden. Profusely illustrated with special drawings and planting plans. 96 pages. 5x7¾. **\$1.10 postpaid.**

**THE GARDEN NOTEBOOK** by Alfred Putz. Illustrated handbook of home gardening for each week of the year. Includes house-plants and every operation of the small home garden—soils, insects, fertilizers, bulbs, seedlings, cuttings, pruning, lawns, borders and rock gardens. 52 working drawings show just what to do and how. 212 pages, 5x8. **\$1.60 postpaid.**

**THE ROSE MANUAL** by J. H. Nicolas. A rose encyclopedia for the amateur. Complete directions for growing roses in the home garden. Fully illustrated and contains four color charts of rose colors. 335 pages, 5½x8¼. Price reduced to **\$2.65 postpaid.**

**THE ROCK GARDEN** by Louise Beebe Wilder. A new book at popular price by America's best known authority on rock gardening. Based on her own experience as an amateur, it tells just how to make a rock garden, how and what to plant for year-round beauty. Contains an alphabetical descriptive list of 200 best rock plants and how to grow them. Fully illustrated, 230 pages, 5½x8¼. **\$1.60 postpaid.**

**ANNUALS—GARDEN BLUEBOOK** by H. S. Ortloff. How and where to use them in the garden, with complete directions for success and descriptions of the sorts to buy. Garden layouts and planting plans. By a landscape architect. Fully illustrated. 245 pages, 5½x8¼. Price reduced to **\$2.00 postpaid.**

**HERBS AND THE EARTH** by Henry Beston. Here garden makers will find herbs treated as plants for every garden and not merely as curiosities to be grown haphazardly. No garden is too small for its interesting and useful corner of herbs. The book is both good gardening and delightful writing. Linecut illustrations by John Howard Benson. 150 pages. 5x7¾. **\$2.10 postpaid.**

**THE GLADIOLUS BOOK** by McLean, Clark, and Fischer. Written and illustrated in color by three leading experts. Tells everything you want to know about gladiolus, where and how to plant, how to care for them, and how to get the finest blooms. Order this book with your gladiolus bulbs. 6¼x9½. Price reduced to **\$3.15 postpaid.**

**GARDEN FLOWERS** by R. M. McCurdy. Identifies and describes nearly 700 kinds of garden flowers, with brief directions for their cultivation and use. Nearly 100 pictures of flowers in full color. 311 pages, 5½x8¼. **\$2.10 postpaid.**

**HOW TO ARRANGE FLOWERS** by Dorothy Biddle. This is the first book at popular price that tells exactly how to arrange flowers for home decoration. With the simple directions contained in this book anyone can make beautiful and appropriate arrangements of flowers for home decoration, for the table, and in every season, using material to be found in any garden, from field, or from the florist. Illustrated with fourteen photographs and 30 drawings of actual arrangements. 96 pages. 5x7¾. **\$1.10 postpaid.**

**HOW TO GROW ANNUAL FLOWERS** by Victor H. Ries. Complete directions for the beginner on the small place. Tells where to use annuals in the garden, how to sow seeds and care for the flowers to beautify your garden. Profusely illustrated with special drawings and planting plans. 96 pages. 5x7¾. **\$1.10 postpaid.**

**HOW TO GROW DELPHINIUMS** by Leon H. Leonian. This book tells completely and directly what the gardener should know to grow delphiniums successfully in the small garden. It discusses the ornamental value of delphiniums; the delphinium border, types of blooms, soil preparation and cultivation, treatment of young seedlings, transplanting, overwintering and disease and insect prevention. 96 pages. 11 full pages of line drawings. 5x7¾. **\$1.10 postpaid.**



## Hawkeye Lawn Grass Seed

The essentials of a beautiful lawn are: rich well drained soil; careful preparation of the ground, to make it fine and smooth and mellow; wise selection of seeds; sowing at a time when the young plants will have a chance to become well established before they are exposed to dry or cold weather or hot summer sunshine. Special care should be given to selection of grasses because some varieties are most luxuriant in spring, some in summer, others in autumn, and a combination of the proper sorts is necessary to insure a velvety carpet-like lawn.

Seed may be sown early in spring or in fall. It should be sown at the rate of 1 pound to every 300 square feet, or 100 to 200 pounds to the acre. If the work is done in spring, make the surface fine and smooth by raking; then, sow the seed as early as possible, preferably just before a shower, as this will push the seed far enough into the ground to cover it sufficiently. In fall, sow before the autumn rains, early enough so that the young grass can become established before cold weather.

### KENTUCKY BLUE GRASS (*Poa pratensis*).

The best hardy grass for lawn purposes. It is slightly creeping in habit and grows most luxuriantly in early summer. It forms a good turf, is permanent, and makes an ideal lawn. Well adapted to all soils. Lb., 30c; 5 lbs., \$1.25, postpaid.

**RED TOP** (Fancy) (*Agrostis-Alba*). A variety well adapted to growing where extensive care cannot be given to the lawn. The leaf-blades are narrow, becoming very thin with turf cultivation. It reaches maximum development in early fall. Succeeds in all soils. Lb., 20c; 5 lbs., 95c, postpaid.

**ROUGH STALKED MEADOW** (*Poa trivialis*). "Rough Stalked" refers to roughness of the stem when allowed to go to seed. An excellent grass for shaded locations. Lb., 70c; 5 lbs., \$3.25, postpaid.

**CHEWING'S FESCUE** (*Festuca rubra*). A New Zealand grown strain of Red or Creeping Fescue. A creeping rooted grass, resisting extreme drought, and especially adapted for forming close and lasting turf in shady places. Valuable also for exposed hillsides and golf courses. Lb., 80c; 5 lbs., \$3.75, postpaid.

**WHITE DUTCH CLOVER.** A small creeping perennial variety valuable for lawns. It grows rapidly, forming a close herbage that remains green throughout the season. It does well on all soils, especially where lime is present. Lb., 60c; 5 lbs., \$2.60, postpaid.

**CREEPING BENT.** A very valuable grass for lawns, produces a beautiful fine turf. Seed at rate of 3 to 4 pounds per 1000 sq. ft. Lb., \$1.00; 5 lbs., \$4.75, postpaid.

**PERENNIAL RYE GRASS** (*Lolium perenne*). A tufted fine leaved grass much used for a quick nurse crop for other grasses. Very valuable due to its quick, rugged growth. Lb., 20c; 5 lbs., 95c, postpaid.

### Hawkeye Lawn Mixture

This fine lawn mixture is the result of many years of research and is the blend which we feel will suit the average condition in this section of the country. It will produce a quick, luxuriant growth of green velvety lawn in a very short period of time. Can be sown either in the Spring or Fall. Lb., 30c; 5 lbs., \$1.25, postpaid.

**SHADY LAWN MIXTURE.** An excellent selection of fine grasses which thrive under the shade of trees or buildings where there is little sun. Lb., 40c; 5 lbs., \$1.75, postpaid.

## FARM SEEDS

### Alfalfas

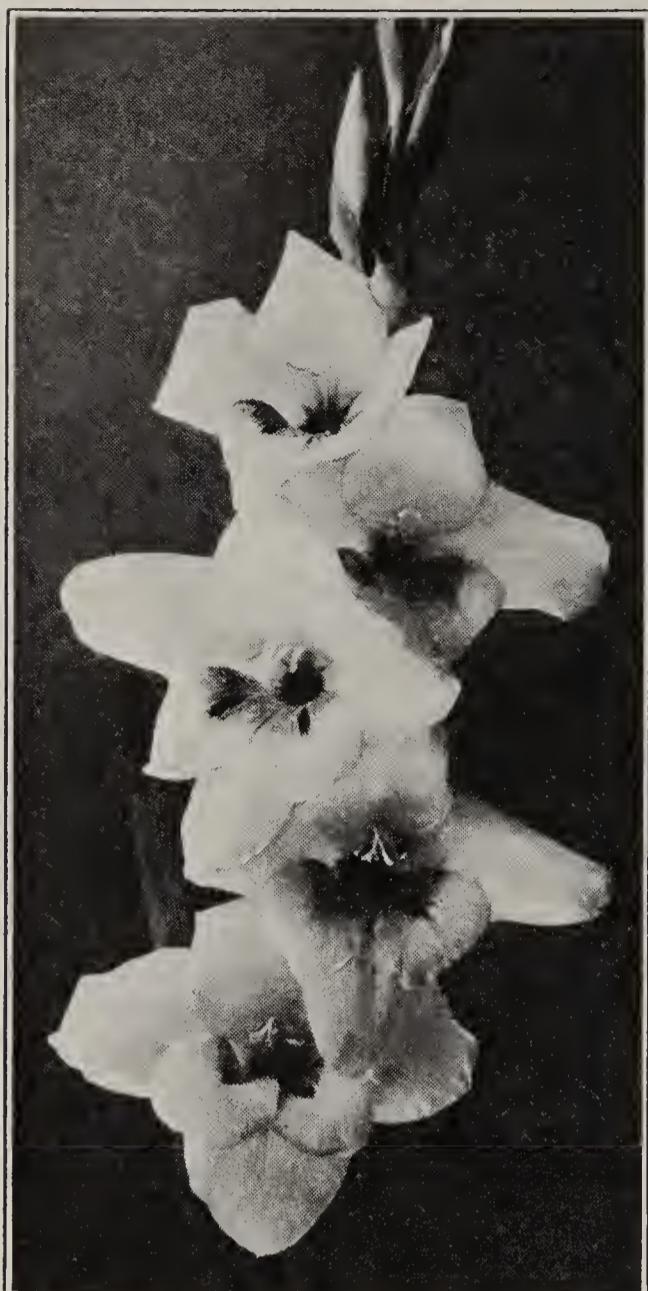
Dakota No. 12.  
Northwestern Grown.  
Blackfoot Grimm.  
Idaho Grimm.



### Grasses

|                             |                              |
|-----------------------------|------------------------------|
| Timothy.                    | Medium Red Clover.           |
| Timothy and Alsike mixture. | Mammoth Clover.              |
| Orchard Grass.              | Alsike Clover.               |
| Perennial Rye Grass.        | White Blossom Sweet Clover.  |
| Kentucky Blue Grass.        | Yellow Blossom Sweet Clover. |
| Sudan Grass.                | Hubam Clover.                |
| German or Golden Millet.    |                              |

**See Your Local Dealer for Prices**



## GLADIOLUS—of the newest varieties and choicest colors

### Cultural Directions

The Gladioli is easy to grow. It will do well in almost any good garden soil, but a rich, sandy loam is best.

Do not plant in the shade of trees or buildings. Especially stay away from trees and shrubs whose tiny roots suck all the moisture and nourishment out of the ground and leave the Gladiolus to starve. Blooming size bulbs should be planted from five to six inches deep and from four to six inches apart in the row. Leave from eighteen to twenty-four inches between the rows.

Gladiolus may be planted from the middle of April to the latter part of June.

Dig bulbs in the fall as soon as the foliage begins to ripen. Immediately after digging, cut off the stems, close to the bulbs. Store in a well ventilated, dry place.

### Our Winner Collection

#### 11 Varieties—All Different

5 Bulbs Each—55 in All

No. 1. Blooming size bulbs—strong growers and very brilliant colors, displaying harmony and grace.

**AFLAME.** Tall large scarlet.

**ALBANIA.** Medium size—Pure white.

**LOS ANGELAS.** A very good pink.

**CHAS. DICKENS.** Tall purple rose.

**GOLD EAGLE.** Early deep gold yellow.

**GLOREANA.** Tall orange salmon.

**LONGFELLOW.** Fine watermelon pink.

**MRS. F. C. PETERS.** Good lavender.

**MRS. W. RICHARDSON.** Deep rose red.

**MRS. LEON DOUGLAS.** Large pink.

**PFITZERS TRIUMPH.** Large salmon orange.

**55**  
**1**  
Extra \$  
Large  
Bulbs

Just Picture Our "Winner Collection" in Your Garden

### YOUR CHOICE OF THESE FINE NAMED VARIETIES

**Special Offer:** 3 of a kind 15c 5 of a kind 20c 10 of a kind 35c

**AFLAME.** Large tall scarlet.

**AIDA.** Dark violet blue.

**BETTY NUTHALL.** Large light salmon.

**CHAS. DICKENS.** Tall rose purple.

**DR. F. E. BENNETT.** Large scarlet.

**PAUL PFITZER.**

**EMILE AUBURN.** Large smoky red rose.

**GIANT NYMPH.** Salmon pink.

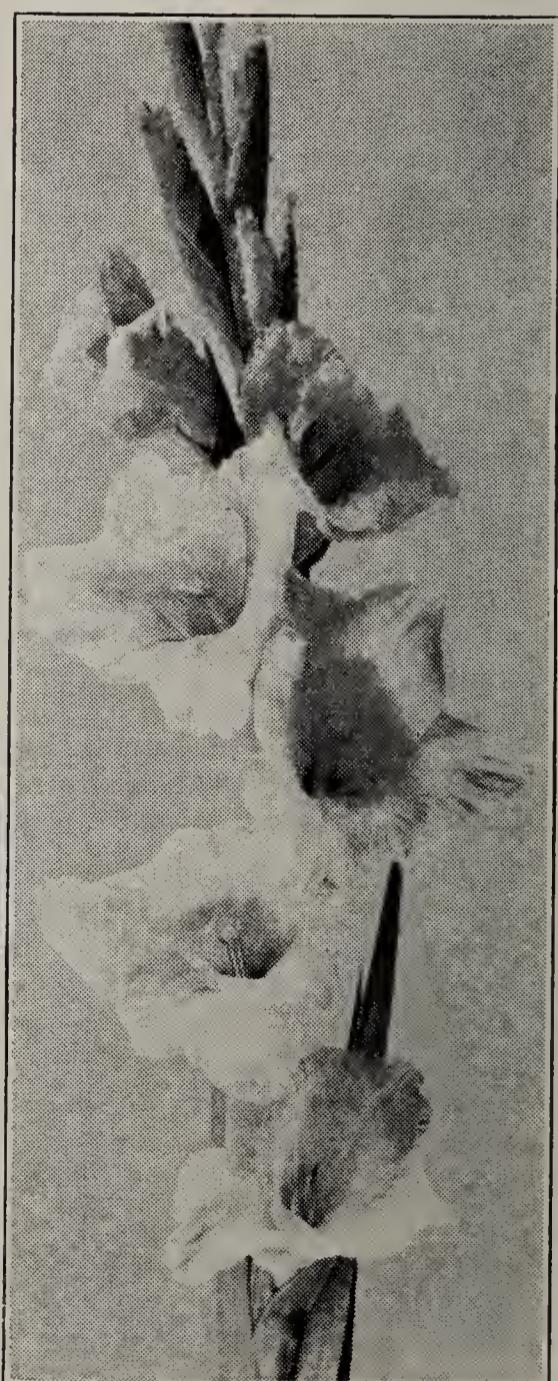
**GOLDEN DREAM.** Tall deep golden yellow.

**LA PALOMA.** Orange.

**MINUET.** Lavender.

**MR. W. H. PHIPPS.** Pink.

A very fine purple.



## BLUE RIBBON COLLECTION

Strong healthy bulbs that will produce tall spikes, large blooms, and gorgeous colors. These varieties that we are offering are the best of the older as well as the newer kinds and all are today's leaders. All bulbs are labeled true to name and free from disease.

**32 BULBS** Known the World Over as Consistent Blue Ribbon Winners

- 4 DR. F. E. BENNETT. Large scarlet.
- 4 MINUET. Best known lavender.
- 4 BETTY NUTHALL. Large light salmon.
- 4 MAMMOTH WHITE. Exquisite.
- 4 GIANT NYMPH. Giant light pink.
- 4 GOLDEN DREAM. Tall, deep golden yellow.
- 4 AIDA. Dark violet blue.
- 4 EMILE AUBURN. Large rose red.

for

**\$136**

# Miscellaneous Spring Bulbs

## Amaryllis

### (Giant-Flowered)

This selection of giant bloomers in wonderfully varied and brilliant colorings has been made with great care. Every bulb is of flowering size and many produce more than one flowering stem. Large, selected bulbs. Ea., 45c; doz., \$5.00, postpaid.

## Cannas

### (Large Flowering)

**AMBASSADOR.** Brilliant red, bronze foliage; 4 feet. A distinguished looking Canna. Flowers vivid cherry-red; has luxuriant tropical foliage prettily bronzed and makes a splendid color contrast with its brilliant blossoms. Ea., 15c; doz., 85c, postpaid.

**KING HUMBERT.** This remarkable Gold Medal Canna has been the sensation of the past ten years and is the greatest favorite today. Handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. 4 feet. Ea., 15c, postpaid.

**YELLOW KING HUMBERT.** 4 feet. An orchid-flowering sport of the well known King Humbert. Flower a deep, rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than a detriment. Green foliage. Ea., 15c; doz., 85c, postpaid.

**THE PRESIDENT.** 4 feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. The President leads the red varieties in the quality and also the quantity of its bloom. The foliage is rich green and burn-proof in the hottest weather. Ea., 15c; doz., 85c, postpaid.

## Caladium Esculentum

**ELEPHANT'S EAR.** One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants. 5 to 7 inch circumference, ea., 10c; doz., 95c; 7 to 9 inch circumference, ea., 15c; doz., \$1.25, postpaid.

## Cinnamon Vine

Well known hardy climber; quick grower. With beautiful, glossy, heart-shaped leaves and sweet-scented flowers. Vines will run 25 to 40 feet in a season. Medium sized roots. Ea., 10c; doz., 90c, postpaid.

## Gloxinias

Exceptional for pot plants. Large blooming. Ea., 35c; 3 for \$1.00; doz., \$3.50, postpaid.

## Madeira Vine

One of the best and most popular climbers for foliage effect. Increases very rapidly. Large roots. Ea., 10c; 3 for 25c; doz., 90c; 25 for \$1.75, postpaid.



Cannas

## Dahlias

### Red Shades

**FORT MONMOUTH.** (F.D.) A rich crimson maroon with a hue of bluish violet at tips of petals. Free bloomer and foliage is dark green. Flowers frequently 13 in. in diameter. Ea., 60c, postpaid.

**JERSEY'S BEACON.** (F.D.) The color is Chinese-scarlet with a paler reverse giving a two-toned effect. Flowers are very large and globular in form. It is a prolific bloomer. Ea., 40c, postpaid.

**MONMOUTH CHAMPION.** (Formal Decorative.) Color a brilliant orange flame.

Extra large blooms carried on perfect stems well above foliage. A consistent prize winner in every show of any importance. Ea., 60c, postpaid.

### Pink Shades

**DR. JOHN H. CARMAN.** (Formal Decorative.) A large, deep, broad petaled tyrian rose flower tipped petunia and silver borne on a stiff and heavy stem 11 to 18 in. long. Ea., 60c, postpaid.

**JERSEY'S BEAUTY.** (Formal Decorative.) Probably the most talked of dahlia during the past seasons. It is still in a class by itself. A perfect bloom of eosine pink, carried high above the foliage on a long, wiry stem. Ea., 30c, postpaid.

**MRS. IDE VER WARNER.** (Formal Decorative.) A refined mauve-pink beautifully formed. Large blooms carried on long strong wiry stems. A free continuous bloomer. Ea., 35c, postpaid.

### Orange Shades

**KENTUCKY.** (F.D.) A brilliant salmon-orange shading to grenadine-pink on outer petals. The plant is thrifty and prolific. Ea., 30c, postpaid.

**ROSE FALCON.** (F.D.) Color dark orange tinted with amber and salmon. Massive blooms stand well above a vigorous growing bush. Ea., 35c, postpaid.

### White

**WHITE KING.** (F.D.) Pure white, large size, fine long stems. Ea., 40c, postpaid.

### Yellow Shades

**AVALON.** (I.D.) Pure, clear yellow. The large flowers are very distinct and produced in great abundance. Ea., 30c, postpaid.

### Autumn Shades

**JANE COWL.** (I.D.) Orange, salmon and gold. One of the dahlia "high-lights" for cut flowers. Ea., 30c, postpaid.

## Large Flowering Dahlias

### Mixed

Various shades of red, pink, white, purple, maroon and yellow. Desirable for general cutting. Doz., \$2.25, postpaid.

## Oxalis

**SUMMER-FLOWERING.** Useful little plants, very effective in masses or beds and particularly valuable for edgings. They produce an unbroken row of foliage about one foot high in continuous bloom. The colors are white, red, pink. Either color, doz., 25c; 25 for 40c; 100 for \$1.50, postpaid.

## Tuberoses Double

Easily recognized by its exquisite fragrance and beautiful flower-spikes, which are borne on long stems, making it an admirable cut-flower. If started in pots, and at the end of May moved to open ground, can be flowered much earlier.

**Double Pearl.** 3-4 in. Ea., 7c; doz., 50c, postpaid.

**Double Pearl.** 4-6 in. Ea., 10c; doz., \$1.00, postpaid.



Dahlia



Gloxinias

# HARDY PERENNIALS

the aristocrat of your flower garden

All Plants Are Dug Fresh for Your Order

**PRICES**

**20c each**

**10 for \$1.65**

**3 of a kind**

**50c**

**postpaid**

Every plant will be taken from the field and on the train within a few hours after digging. This fast handling insures splendid early growth of the plant. Perennials are easy to grow and will bloom the first season. All are two-year-old plants. Our selection includes many of the old and new favorites for borders, rock gardens as well as cut flowers.

**BOLTONIA** *asteroides*, 5 to 6 ft. Branched stems. Small aster-like white flowers. September. Excellent for cutting, or in background.

**BAPTISIA** *australis*, **False Indigo**, 2 to 3 ft. Dark blue, pea shaped flowers in 6 in spikes, May-June. Dry soil in full sun.

## Achillea

Of easy culture, useful for the border, wild garden or shrubbery. With continuous cutting they are practically everblooming.

**PERRYS WHITE.** Clustered double flowers, the whitest of all Achilleas and a favorite with florists for summer flowers. 1 to 2 feet. June to August.

## Alyssum—Rock Madwort

Very popular free flowering perennials of easy culture. For borders or rock gardens.

**SAXATILE COMPACTUM.** Dwarf Gold Tuft or Basket of Gold. One of the showiest of Spring flowers. Grows 9 to 12 inches high producing masses of bright yellow flowers with broad, flat heads. April and May.

## Anchusa

A race of intensely blue flowering plants. Invaluable as a background for the border and where blue color is wanted.

**MYOSOTIDIFLORA.** Distinctive Dwarf Russian variety for border or rockery. Charming blue flowers almost identical with forget-me-nots. Very attractive foliage. 18 inches.

## Aquilegia

**(COLUMbine.)** Graceful spurred flowers on stems two feet or more, should be in every hardy garden.

Pink Queen  
Yellow Queen  
Scott Elliott, long spurred

## Arabis Alpina

**(ROCK CRESS.)** Excellent for rock gardens and pool edging. Its pure white flowers are borne in dense masses and make good cut flowers. Grows only 6 inches tall and blooms in May.

## Artemesia

A most useful plant for the border or filling in among the shrubbery.

**SILVER KING.** Bright silver-colored stems and foliage. A showy plant. 30 inches.

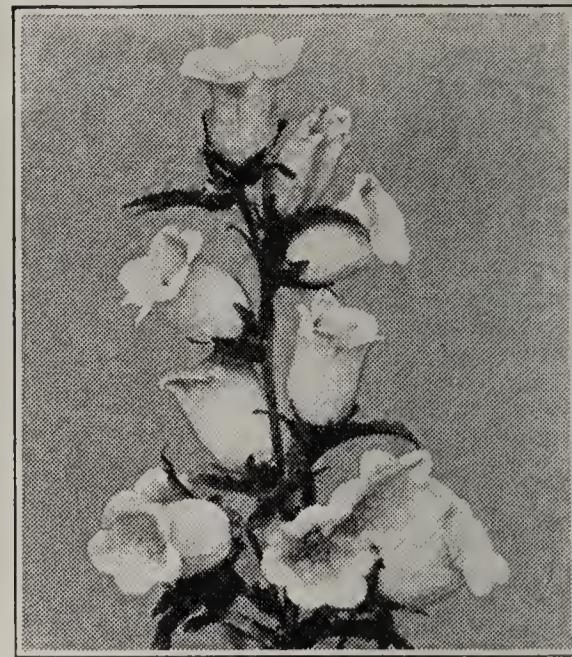
## Hardy Asters

These are among the showiest of late flowering hardy plants. September to October.

Barrs Pink.  
Novaangliae Blue



Digitalis-Foxglove  
Yellow



## Gaillardia

**BLANKET FLOWER.** Beautiful flowers are borne in profusion and make a striking effect. One of the best for cut flowers.

**GRANDIFLORA.** Conspicuous for their profusion of bloom. Flowers intense, blood-crimson, margined with golden yellow.

## Gypsophila—Baby's Breath

A mass of delicate, misty bloom very effective in bouquets and in the garden where this spreading bush will fill a bare place.

**PANICULATA.** Branching or spreading plants that bear a mass of delicate misty white bloom.

**HEMEROCALLIS, Yellow Day Lily.** Grow anywhere.

**FLAVA,** Lemon Lily. 2 1/2 ft. May-June, lemon-yellow.

**FULVA,** Tawny Day Lily. 3 to 4 ft. July. Coppery-orange.

**THUNBERGI.** 3 ft. Vivid yellow.

**LAVENDER.** Munstead strain. 1 1/2 ft. Spikes of lavender. July-August. Fragrant.

## Heuchera

These plants grow in rosette-like form and produce numerous slender, many-flowered erect stems about 18 inches high. Very showy in mass plantings and excellent for cutting. Flower from late May until end of July.

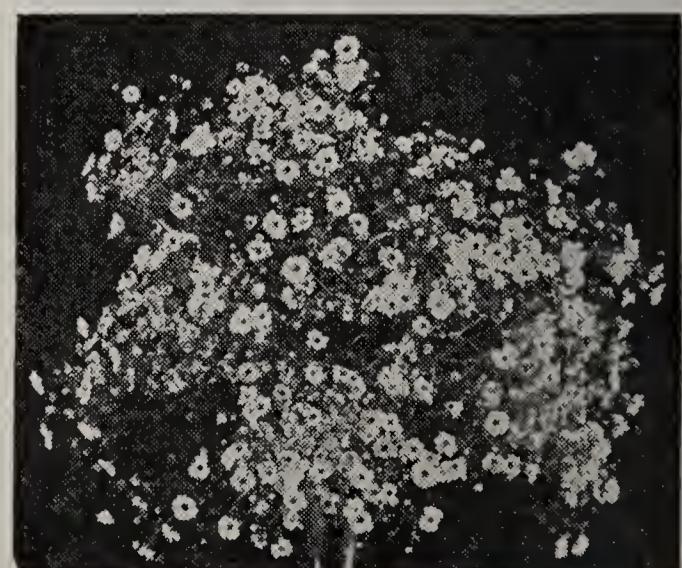
## CORAL BELLS.

**MYOSOTA, Forget-me-not.** Blue and Pink.

## Phlox

Nothing makes a showier display than Hardy Phlox.

**SUBLATA.** All low spreading plants, fine for rockery or border. White, vivid blue hill.



Gypsophila

## Dianthus

A fine plant producing great masses of sweet, clove scented flowers during May and June. Splendid for cutting. Use on edge of borders.

Pinks—Ceasius.  
Plumarius—Clove pink.  
Barbatus—Sweet William.

## Digitalis—Foxglove

For stately and picturesque beauty the Digitalis is not to be surpassed. It is a biennial but it renews itself from self-sown seed.

Shirley Hybrids.  
Yellow.

**DICENTRA** *eximia*, **Plumy** or **Fern Leaved Bleedingheart**; 1 ft. Finely cut light green foliage till frost. Compact growing. Flowers from early spring till frozen. Perfectly hardy, thrives in sun or shade. Fine rockery plant.

**SPECTABILIS,** **Bleedingheart**, 1 1/2 to 2 ft. Long racemes of graceful heart-shaped, rose-crimson flowers. April-June. Thrives any place.

**PERENNIALS Cont'd**

**PLATYCODON BALLOON FLOWER.** Smooth erect bushes used in border planting or rock gardens. Bell-shaped flowers from June to October.

**GRANDIFLORA**—Large showy deep blue flowers. 18 inches. **Pkt., 10c.**

**GRANDIFLORA ALBA**—White bell-shaped flowers 3 inches across. **Pkt., 10c.**

**PYRETHRUM—PAINTED DAISY.** The fernlike foliage is interesting and attractive even when not in bloom. Very hardy. Single mixed. **Pkt., 10c.**

**RANUNCULUS acris, English Buttercup.** 1 to 2 ft. Upright, branching sprays small double, waxy golden yellow flowers, May-June. Fine for Memorial Day. **Pkt., 10c.**

**VERONICA**—Interesting plants that form excellent subjects for hardy border or rockery.

Nana—Deep Blue. **Pkt., 15c.**

Nana—Lavender. **Pkt., 15c.**

**STATICE latifolia, Sea Lavender.** 1 to 2 ft. Broad, thick leaves, upright, finely branched panicles of small blue flowers. August-September. Splendid for cutting and drying. Endures dryest weather. **Pkt., 10c.**

**LYTHRUM roseum superbum:** Purple Loosestrife. 3-4 ft. Branched spikes of rosy purple July-August. For moist or wet places. Quite shrubby. **Pkt., 25c.**

**PEONIES****Newer Varieties**

**BARONESS SCHROEDER.** Delicate, milky-white, fine, late blooming variety. **60c each.**

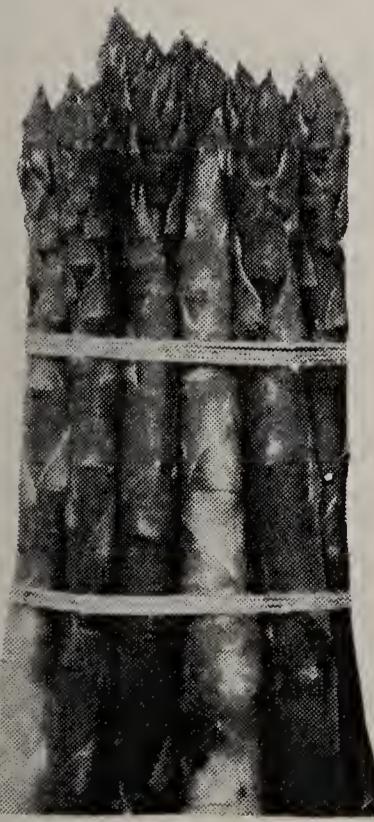
**MONS. JULES ELIE.** Very fine, pink, full flowered variety. Flowers are really lilac-pink, shading to a deeper rose, with a silver sheen. **60c each.**

**MONS. MARTIN CAHUAZAC.** Large, full, deep maroon, nearest black. Mid-season. **\$1.25 each.**

**OFFICINALIS RUBRA.** Double flowering. Earliest of all good peonies. Large round red. **60c each.**

**FELIX CROUSSE.** An early midseason, Decoration Day variety. Even, brilliant, ruby red color. **40c each.**

**FESTIVA MAXIMA.** The Decoration Day white. Flowers large. Bright carmine flakes on the center petals. **40c each.**



"pie plant." Set the roots 3 ft. apart. **2 Roots, 25c, postpaid.**

**Asparagus****MARY WASHINGTON**

This NEWLY developed variety is replacing all other sorts. Introduced by the U. S. Dept. of Agriculture, it is bred to resist rust. A hardy, long lived variety and a heavy yielder of large, well formed light green shoots, exceptionally sweet and tender. Plant from 1 to 2 ft. apart in rows 3 ft. apart. **10 Roots, 35c, postpaid.**

**Rhubarb****3 FINE VARIETIES**

Nursery experts have developed undreamed flavor in these—far different, far more delicious than old fashioned



Pyrethrums—Painted Daisies

**IRISES**

**PERFECTION, 15c:** S., light blue; F., dark violet.

**MOTHER OF PEARL, 15c:** Bluish lavender with pearly iridescence.

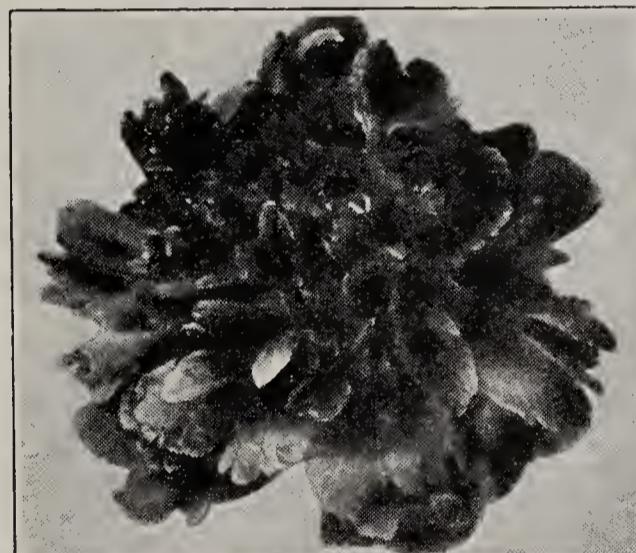
**HER MAJESTY, 15c:** S. and F., rose pink.

**JUNIATA, 15c:** S., arching; F., flaring, clear blue throughout.

**DREAM, 15c:** Almost pink throughout.

**LENT A. WILLIAMSON, 15c:** S., lavender-violet; F., royal purple.

**MIDWEST, 15c:** S. and F., ruffled, dotted, and blushed rose on white ground.



Felix Crousse Peony



Lilium Tigrinum Splendens Single

**LILIES****for Spring Planting**

**LILIUM—TIGRINUM SPLENDENS**—(Tiger Lily)—Because it is so widely cultivated in this country this lily has come to be looked upon as native, but it originally came from China and Japan. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems. **Each, 15c; doz., \$1.50; 100, \$12.00; prepaid. 8-9 inch.**

**LILIUM REGALE**—The large, trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flower, besides being eminently beautiful, possesses a delightful fragrance. The bulb, which should be given good, sharp drainage (as should all lilies), is perfectly hardy, usually presenting a dried, shriveled appearance. **Size 7-8 inch 20c each; \$2.25 doz., postpaid.**

**LILIUM SPECIOSUM RUBRUM** (Magnificum) (The Lance- Leaved Lily)—The typical form is white, flushed pink, and heavily spotted with carmine. The stem is about four feet high and has fresh, green, lance-shaped leaves, and the frilly flowers face downward and carelessly roll back their petals, while the stamens and pistil curl way out. A very beautiful lily, perfectly hardy, very seldom diseased, and a late August and early September bloomer. Plant the bulbs eight to ten inches deep. **Size 8-9 inch, each, 25c; doz., \$2.50, postpaid.**

**LILIUM UMBELLATUM** (Sub-species of Davuricum)—This group of lilies is of hybrid origin, resulting in crosses of the frail Lilium Davuricum (an Asiatic lily), with the European species, Croceum, and Bulbiferum. They are early flowering, blooming during the first part of June. Usually attaining the height of two to three feet, they carry four to six flowers of cup-shape. **Grandiflorum**—Orange red, very large flowers, freely produced. **Each of above, 25c; doz., \$2.50; 100, \$20.00; prepaid.**

**LILIUM ELEGANS** (Lilium Thunbergianum)—A very beautiful group of showy Japanese Lilies flowering in June and July and growing 1 1/2 to 2 feet high. This is a lily of easy culture, highly recommended for naturalizing, and excellent for rock-gardens. **Mixed Colors—Good range of Red and Yellows. 25c each; \$2.25 doz., postpaid.**



Lilium Speciosum Rubrum

# HAMILTON'S Hardy Evergreens

**It is GOOD INSURANCE to plant BALLED AND BURLAPPED EVERGREENS**

All of HAMILTON'S ornamental evergreens come to you BALLED and BURLAPPED. This means that the evergreens have been dug and left undisturbed, then wrapped tightly with burlap to insure you receiving the trees in the best condition.

When planting the burlapped evergreen, dig the hole about twice the width and two inches deeper than the ball of earth on the tree. Carefully place the ball of earth, burlap and all, in the hole. Fill the hole two-thirds full of good dirt. Then fill the rest of the hole with water. When the water has seeped away, finish filling the hole with loose dirt. DO NOT PACK this dirt.

### Douglas Fir

The foliage of Douglas Fir is an attractive, soft green color. It is a strong, upright grower, long lived, good for windbreak or specimen planting. Will grow anywhere in America. Reaches 60 feet in height and its branches will spread 12 to 18 feet. Branches slope slightly downward.

### Mugho Dwarf Pine

Dense, low growing tree. Plants are thickly covered with heavy, dark green needles. Mugho Pine never grows over 3 to 4 feet in height and can be kept trimmed back so it creeps right along on the ground. Grows naturally in a dwarf ball shape.

### Pyramidal Arborvitae

Grows in columnar form without shearing. Brighter and darker green than the common Arborvitae. Much used in entrance, foundation, and formal plantings. Best kept trained to one stem, no other training is needed. Like other Arborvitae, sometimes sunburned if too severely exposed to the hot sun of late winter, and prefers cool, moist soil.

### Globe Arborvitae

A dwarf form which makes compact globes without trimming. Very useful for formal places or foundation groups.

### Andorra Juniper

A rich bright green in spring and summer, and attractive purplish bronze in winter. Very hardy and prefers mostly sun.

### Sabina Juniper

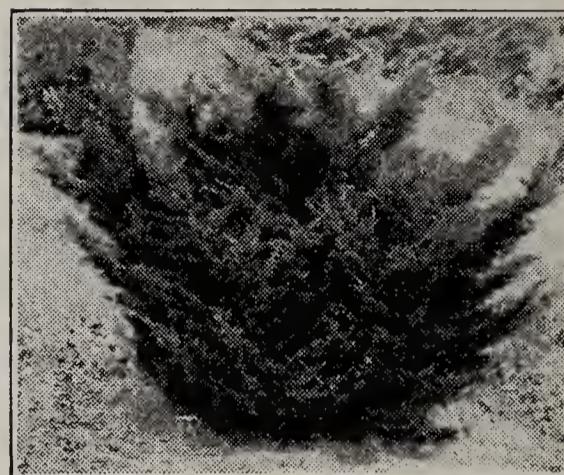
A bushy little tree with semi-erect branches and clear green foliage. Excellent for foundation planting, rockeries, or dry sunny places. Endures city atmosphere well. Remains green in winter.

### Red Cedar

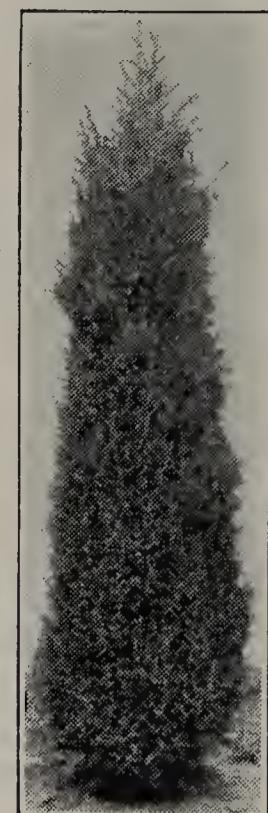
America's best advertised Evergreen. Grows naturally in gravelly hillsides, will do well in poor, sandy soils. Our Red Cedar is the compact growing Platte River type that grows in the shape of a pyramid and bears bright blue and silvery colored berries. The foliage is feathery and deep green.

### White Spruce

We consider this tree superior to the Norway Spruce because it is more of a compact grower and the color is a trifle darker green. You will be well pleased with it, we are sure.



Juniper Sabina



Pyramidal Arborvitae

### Prices on Ornament Evergreens

**All Balled and Burlapped  
Shipped by Freight**

| KIND                     | SIZE      | EACH   |
|--------------------------|-----------|--------|
| American Arborvitae ..   | 2-3 ft.   | \$1.25 |
| Globe Arborvitae .....   | 15-18 in. | 1.25   |
| Pyramidal Arborvitae ..  | 12-18 in. | 1.50   |
| Pyramidal Arborvitae ..  | 18-24 in. | 1.75   |
| Colorado Silver Juniper. | 15-18 in. | 3.00   |
| Douglas Fir .....        | 18-24 in. | 1.50   |
| Douglas Fir .....        | 2-3 ft.   | 3.00   |
| Pfitzer Juniper .....    | 12-18 in. | 1.50   |
| Pfitzer Juniper .....    | 18-24 in. | 2.00   |
| Andorra Juniper .....    | 12-18 in. | 1.50   |
| Andorra Juniper .....    | 18-24 in. | 2.00   |
| Red Cedar .....          | 18-24 in. | 1.50   |
| Red Cedar .....          | 2-3 ft.   | 1.75   |
| Sabina Juniper .....     | 18-24 in. | 1.75   |
| Mugho Pine .....         | 12-18 in. | 1.25   |
| Mugho Pine .....         | 18-24 in. | 2.00   |
| White Spruce .....       | 18-24 in. | 1.00   |
| White Spruce .....       | 2-3 ft.   | 1.50   |
| Colorado Blue Spruce...  | 18-24 in. | 2.75   |
| Colorado Blue Spruce...  | 2-3 ft.   | 4.50   |
| Scotch Pine .....        | 2-3 ft.   | 1.50   |
| White Pine .....         | 2-3 ft.   | 1.50   |
| Canadian Hemlock ....    | 12-18 in. | 1.50   |
| Japanese Yew .....       | 12-18 in. | 2.00   |



Norway Spruce

## WINDBREAK EVERGREENS

**Add to the value of your farm with a windbreak**

### FRESHLY DUG

### PERFECTLY PACKED

In planting evergreens for windbreaks it is advisable to plant the trees 8 feet apart in a single row, 10 feet apart in double rows with the trees planted zig-zag and the rows 8 feet apart.

|                     | Size      | Price  |
|---------------------|-----------|--------|
| NORWAY SPRUCE ..... | 12-18 in. | \$0.25 |
| NORWAY SPRUCE ..... | 18-24 in. | .40    |

Native to Northern Europe. Most grown because it is the easiest and fastest growing Spruce. Will grow almost anywhere.

|                  |           |        |
|------------------|-----------|--------|
| WHITE PINE ..... | 12-18 in. | \$0.40 |
| WHITE PINE ..... | 18-24 in. | .60    |

### White, *Pinus Strobus*

One of Iowa's few native conifers and one of the best for windbreaks. Tolerates some shade and considerable drought but not wet soil.

|                   |           |        |
|-------------------|-----------|--------|
| SCOTCH PINE ..... | 18-24 in. | \$0.40 |
|-------------------|-----------|--------|

Note—All windbreak trees are dug without ball of earth.



Gruss an Teplitz



Pink Radiance

## CLIMBING ROSES

### Dorothy Perkins

Flowers in large clusters. We can furnish either red, white or pink.

### Climbing American Beauty

Flowers bright pink to rich red in June. A splendid climber.

### Dr. Van Fleet

Delicate flesh pink flowers full and double of immense diameter—sweetly perfumed. Bronze green foliage.

### Paul's Scarlet

None can compare with it for brilliancy of color which is a vivid scarlet. A strong hardy climber.

2 or more postpaid, Ea. **40c**

### Hybrid Perpetuals

**GENERAL JACQUEMINOT.** The most famous rose in the country. The bright crimson blooms are large, full and delightfully fragrant.

**ULRICH BRUNNER.** A rose of beautiful form and finish, often considered the finest red in existence. Brilliant cherry crimson and very fragrant. Vigorous and continuous bloomer.

**PAUL NEYRON.** This magnificent rose is by far the largest clear pink variety in cultivation. Very full, delightfully fragrant. A very showy flower that attracts attention everywhere planted.

## Decorative FLOWERING SHRUBS—Price Each **37c** pp.

### Spirea Van Houtte

**BRIDAL WREATH.** The most popular of all shrubs. Like a wide, low waterfall, it pours out its white blooms in spring—a beautiful picture, especially where planted en masse. Thrifty under all conditions.

### Honeysuckle

**TARTARIAN, PINK.** A profusion of lovely flowers, making delightful contrast with bright green leaves. Red berries in summer and fall.

**TARTARIAN, RED.** In all respects same as Pink, except flowers light crimson.

### Lilacs—Old and New

As long as sheer loveliness grips our hearts, we will plant lilacs.

**OLD FASHIONED PURPLE.** Not yet equalled for fragrance. There is no better known or greater loved flowering shrub.

### Snowballs

Very beautiful in bloom and equally important in their foliage aspects, particularly in the warm colors of autumn.

**OLD-FASHIONED.** Common Snowball, with its immense clusters of puff-balls, of white, spreading like a benediction over the spring garden.

**JAPANESE.** Smaller, but very charming blooms, rough, heavily veined leaves, dark rich hues in autumn.

### Weigela

**ROSEA.** This broad spreading shrub, with its exuberance of bright blooms gives a delightful accent to groups of shrubs, the mock-oranges, spireas and the rich lavenders and purples of the Iris.

**EVA RATHKE.** A vivid red, very effective when used with discretion. It is not necessary to mass them. They are beautiful as specimens.

### Hydrangea

**A. G., HILLS OF SNOW.** They bloom from June till frost, with great billowing flower heads of pure white. Cut the Hills of Snow to the ground each fall and the number of blooms will double next year.

**PEE-GEE.** Great pointed pan-

## ROSES

No flowers provide such a profusion of genuine loveliness as roses. They're so easy to grow everyone should have them in abundance. Plant a few this season, add a few varieties every year and you will be richly rewarded by their beauty and fragrance. There are thousands of named varieties each slightly different, but actually many of them are much alike. We studied the best of the growers' offerings and selected the following list as including everything that is finest in roses.

### HYBRID TEA ROSES

#### Red Shades

**E. G. HILL.** High centered compact double flowers, bright scarlet shading to deeper red as they develop. Vigorous and free flowering.

**ETOILE DE HOLLAND.** Bright dark red—medium size—deliciously perfumed—admired everywhere. Strong grower and profuse bloomer.

**GRUSS AN TEPLITZ.** The sweetest, richest hybrid tea rose. Intense dazzling fiery crimson shaded with a dark velvet sheen totally unlike any other color in the world. Produced in wonderful profusion throughout the whole growing season.

**RED RADIANCE.** Large globular blooms of strong clear red—exceptionally vigorous, profuse bloomer. Very hardy.

#### Pink Shades

**MRS. HENRY BOWLES.** Brilliant pink with salmon shadings. Fine perfect flowers and one of the best bedding roses.

**DAME EDITH HELEN.** One of largest and most perfect pink roses known. Very fragrant. Blooms abundantly.

**PINK RADIANCE.** The best pink garden rose in existence because of its vigorous heavy growth and its great abundance of bloom. The blooms are a brilliant carmine-pink with salmon-pink and yellow shading. Very hardy.

#### Orange and Yellow Shades

**BETTY UPRICHARD.** Salmon flowers tinged orange. Outside copper with orange suffusion. Remarkably attractive. A large, open, long lasting and very fragrant flower.

**REV. F. PAGE ROBERTS.** A sensational new variety. The plant is of vigorous branching habit with beautiful foliage. Marvelously colored flowers of golden yellow, copper and reddish buff.

**TALISMAN.** A peerless new cut-flower rose—large orange-red buds opening to a combination of gold apricot yellow and deep rose pink. Very fine in early spring and late fall.

**HERBERT HOOVER.** A glorious rose—free flowering. Color—a dazzling combination of cerise pink, flame scarlet and yellow. Flowers large with a gorgeous fragrance.

**SOUVENIR DE CLAUDIUS PERNET.** A most vigorous grower of erect branching habit—beautiful long pointed buds. Color—striking sunflower yellow.

#### White Shades

**KAISERIN AUGUSTA VICTORIA.** Large buds of creamy white. The open flower delicate pure white with lemon center. Very large and fragrant.

**60c each—2 for . . . . . \$1.00**

2 or more postpaid

icles of small white flowers, taking on a lovely glow as fall approaches.

#### Dogwood

**RED-TWIGGED.** This shrub in leaf has a resemblance to the hydrangeas, in spring the flowers are borne in small clusters, which make the blue white berries in fall. As the leaves fall, the real beauty of this dogwood is revealed in the bright red branches which, spreading out along a slope give a welcome splash of color in winter.

#### Hedge Plants

**JAPANESE BARBERRY.** We consider Japanese Barberry the best hedge plant grown. Very little care will maintain this hardy dwarf shrub as an untrimmed hedge. Beautiful throughout the year, with charming foliage in summer, a gorgeous coppery red in fall and an abundant crop of bright red berries in winter.

The briars form an effective barrier to intruders. Shipped prepaid from Oregon. 10"-12". 15c, postpaid.

**AMUR RIVER NORTH.** Best for closely trimmed hedges. Hedge plants in block, 12-18 in. 10c, postpaid.



WEALTHY. A favorite early fall apple; large, green, shaded to dark red; fine quality. Hardy, productive.

NORTHWEST GREENING. Good keeper.

STAYMAN'S WINESAP. Good keeper.

where. Richly flavored, keeps well.

JONATHAN. The Jonathan is one of the best known and best liked Winter apples. It is good sized and has a spicy rich acidity that has made it a favorite with apple lovers.

DELICIOUS. This is without doubt the finest red apple in the world. This big, flashing, late winter apple is more easily recognized and more generally known because of its beautiful waxen skin of deep crimson and its five knob-like ends.

GRIMES GOLDEN. One of the best cooking varieties.

### PEAR TREES

CLAPP'S FAVORITE. Fruit handsome, large, long, yellow, spotted dull red where exposed to the sun, flesh fine-grained, juicy, rich sweet flavored. The tree is hardy and productive. Ripens in August.

BARTLETT. Popular both for home and market. It is large, handsome waxen yellow, with red blush; flesh buttery, rich and juicy, highly flavored. Ripens in August and September. Does well in all sections.

SECKEL. A standard in quality on account of its rich delicious flavor; very popular for dessert. Ripens in August and September.

KIEFER. A fine keeper and one of the most profitable for the market. Fine for canning or preserving. Trees bear young. Ripens in October and November.

### PLUM TREES

BURBANK. Another Japanese variety that is fine for marmalade and jellies. Vermilion red skin and yellow flesh. Vigorous and strong.

WANETA. Combines best points of native and Japanese plums. Averages 2 inches in diameter. Fine red color.

GERMAN PRUNE. We have nothing to offer that equals this plum for drying, preserving or dessert. Large, fine fruit that is firm, sweet and delicious.

RED WING. Excellent for home orchards. Fruit large, juicy and sweet, mid-season.

UNDERWOOD. A new Minnesota State introduction. Vigorous and hardy. Fruit large, red, juicy and very sweet.

### GRAPE VINES

#### BLACK

MOORE'S EARLY. A black grape similar to Concord but ripening about 2 weeks earlier.

CONCORD. The standard commercial grape and the backbone of every well planned vineyard. Vines are particularly well rooted and have a reputation for bounteous crops of excellent quality grapes.

WORDEN. A seedling of the Concord, this grape is considerably larger and generally considered better in flavor. It ripens somewhat earlier and ships well.

#### WHITE

NIAGARA. The standard commercial white grape. Bunch and berries are large, greenish white, changing to pale yellow when fully ripe. A good long distance shipper.

#### RED

CATAWBA. Leading American Red Grape. Medium sized bunch, well shouldered. Berries are large, deep coppery red becoming deep purple when ripe. Flesh is somewhat pulpy, juicy, sweet, and rich.

### BLACKBERRIES

SNYDER. Hardy and productive. Per 10, 75c postpaid.

## APPLE TREES—fruit producing

### Summer Varieties

YELLOW TRANSPARENT. Considered the best of all extra early yellow apples. Fruit is smooth, becomes pale clear yellow when fully ripe. Unexcelled for pies, tarts and apple sauce. Tree is a vigorous and compact grower and reliable annual bearer.

EARLY HARVEST. Excellent for dessert and culinary purposes. Medium size, bright yellow when ripe; flesh is nearly white, with fine flavor. A variety that comes into bearing quite young. Good producer. In cultivation over 100 years.

DUCHESS. Bright colored, delicious, very good to cook. A very profitable Mid-Summer apple. It has proved to be one of the best of varieties under cultivation in the Northwest.

### Fall Varieties

WEALTHY. A favorite early fall apple; large, green, shaded to dark red; fine quality. Hardy, productive.

GRIMES GOLDEN—Best, most widely planted yellow apple. Very hardy, productive, profitable. Good for eating and cooking. Medium to large; bright yellow; flesh fine grained, juicy.

### Winter Varieties

MCINTOSH. An early winter variety. Bright deep red color. Very handsome. Flesh white with slight pinkish tinge.

WINESAP. If you are from Virginia you know that nothing can beat this juicy old red apple. Fine keeper.

NORTHWEST GREENING. A large yellow-green colored apple of fine quality.

STAYMAN'S WINESAP. The best of all Winesaps. Dark crimson. Succeeds anywhere.

JONATHAN. The Jonathan is one of the best known and best liked Winter apples. It is good sized and has a spicy rich acidity that has made it a favorite with apple lovers.

DELICIOUS. This is without doubt the finest red apple in the world. This big, flashing, late winter apple is more easily recognized and more generally known because of its beautiful waxen skin of deep crimson and its five knob-like ends.

GRIMES GOLDEN. One of the best cooking varieties.

### CHERRY TREES

#### Unsurpassed for Pies

EARLY RICHMOND. The tree is a good grower and reliable producer. The fruit is medium, dark red, juicy, and has an acid flavor. One of the most valuable and popular of acid cherries; unsurpassed for cooking. Ripens in June.

LARGE MONTMORENCY. The greatest cherry known. Occupies the same position among sour cherries as does Concord with the grape family. It should be largely planted in every orchard. The fruit is large, dark red, and handsome—a feast to pick them fresh from their low spreading branches. Wonderful for canning and preserves.

COMPASS. Originated in Minnesota, it is one of the hardiest varieties known. Fine quality fruit and a heavy bearer.

60c  
EACH  
POSTPAID

3-4 FT.  
ea. 70c  
POSTPAID

3-4 FT.  
ea. 65c  
POSTPAID

20c  
EACH  
POSTPAID

### RASPBERRIES

CUMBERLAND Black. Without question, the finest Black Raspberry grown. It is the one safe dependable commercial variety. You can rely upon a big crop every season. It succeeds everywhere, is hardy and extremely prolific. Berries are extra large, glossy black and unequalled for flavor.

COLUMBIAN Black. An extra early Black Raspberry becoming increasingly popular for western growing because of its rapid growth and big crops of quality fruit. Berries are firm, glossy black and of excellent flavor.

LATHAM Red. The giant of Red Raspberries produces excellent crops of very large, extra sweet berries. Extremely resistant to disease and never known to winter kill even far north. A fine, well known berry, an excellent shipper and always at a premium on the market.

CHIEF Red. This is the sensational new Red Raspberry introduced by the Minnesota Breeding Farms. It is now acknowledged as the real rival for Latham, heretofore considered the best Red Raspberry grown. A slightly smaller berry, it has the one advantage that it ripens fully two weeks earlier. Berries are excellent color and delightful flavor.

PER 10  
60c  
POSTPAID

GOOSEBERRIES  
For local sale only. Cannot be sent out of State.

Champion Downing  
Prices—2-year plants: 35c each, postpaid.

### CURRANTS

Perfection Red Lake  
2-year bushes. Perfection and Red Lake: 35c each, postpaid.

# QUALITY FERTILIZERS

**"It pays to use them"**

There are three chemical elements necessary for plant growth that are used in fertilizers. They are nitrogen, phosphates and potash. A balanced fertilizer contains all three and gives a complete diet to the crop.

# VIGORO

Makes better lawns, gardens  
flowers, trees and shrubs

### Vigoro.

Is a specially prepared plant food. It contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. Complete directions in every bag. Price: 16 oz., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

Ask us about Vigoro Treasure Box.



### Vigoro Fertilizer Spreader

An inexpensive spreader, holds about 15 lbs. of fertilizer; can also be used for sowing grass seed. Model B, 14 in., \$2.50.

### Bone Meal

This is a special brand put up for our trade. It is ground fine and steamed. It is very quick acting and free from acid. Especially desirable for Roses. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75.

### Nitrate of Soda

Nitrate of Soda is not a substitute for other Manures, but one of the cheapest and best forms in which to apply Nitrogen to plants. Do not let nitrate touch green growth or it will burn. Remove the lumps before using and break them up, which can be done by pounding.

For the Home Garden apply as a solution one ounce to two gallons of water. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

### Sulphate of Ammonia

Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. It tends to create an acid reaction in soil. Do not let it touch green growth. Use 1 pound to 50 square feet. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$1.90; 100 lbs., \$3.25.

### Super Phosphate

Twenty per cent available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. 5 lbs., 25c; 10 lbs., 45c; 25 lbs., \$1.00; 50 lbs., \$1.50; 125 lbs., \$2.50.

### Muriate of Potash

Imported Potash, once again available, should be used liberally, especially for all root crops. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$3.50.

### Adco Artificial Stable Manure

Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Price: 10 lb. bag, \$1.50; 25 lbs., \$2.50; 150 lbs., \$11.50. Write for booklet.

## Write for Quantity Prices

All prices F.O.B. Cedar Rapids

### Hawkeye Lawn and Garden Fertilizer

Many of our customers using this fertilizer, expect, and get, wonderful results from this all-around fertilizer. It can be used for general vegetable and flower garden as well as on the lawn and shrubbery.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 sq. ft. To stimulate old lawns apply about half this quantity. Be sure and wet down after application. For flowers and shrubs use from 4 to 6 lbs. per 100 sq. feet. 5 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 125 lbs., \$2.75.

### Sheep Manure

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25.

### Granulated Peat Moss

A moisture-retaining humus. An important aid in saving soil fertility; better than manure; prevents the formation of hard top crust and fungus growth. Small sack, 75c; large sack, \$1.75; bale, \$2.10.

### Hydrated Lime

A neutralizer for soil acidity. 10 lbs., 25c; 50 lbs., 75c.



### RED STEER HIGH TEST ANALYSIS

#### Non-Acid Forming

We recommend Swift's Red Steer high analysis fertilizer. Successful farmers in this locality are using them because they get their plant food for less money.

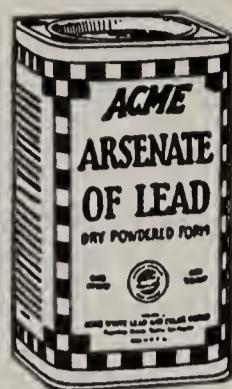
Red Steer meets their every demand. Made from best material, it is double mixed—to insure crops getting a double ration of plant food.

It is triple tested—to make sure of highest quality. Come in this week. Get started right. We can show you how to save money and make money with Red Steer.

# • Insecticides and Fungicides •

*Can be sent by mail*

**ACME ALL ROUND SPRAY.** The latest improvement in the insecticide field, one product which will combat blight and fungus diseases, control sucking insects and destroy chewing insects in one application; safe to use on almost all fruits, vegetables, flowers and shrubs. Per  $\frac{1}{4}$  lb., 35c; 1 lb., 80c.



**ACME DAWG-GONE.**

Keeps dogs away from Evergreen. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. The odor slowly emanating from the open tube will keep dogs at a distance from six months to a year winter or summer. Tubes, 35c each or 3 for \$1.00.

**ANTROL ANT POWDER.** Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 25c.

**ANTROL.** Sets containing 4 jars and 4-oz. bottle of syrup. Price, 75c; extra jars each, 10c; 4 oz. bottle syrup, 35c; pint bottle of syrup, 85c; gallon, \$3.50.

**ANTROL READY FILLED SETS.** Consisting of four patented glass "feeders" filled with regular antrol syrup. Price per set, 40c.

**APHIS SPRAY.** Improved Nicotine Spray. Combining a soft fish oil soap with black leaf 40. Price per 3 oz. tube, 35c; 12 oz. tube, 95c.

**ARSENATE OF LEAD.** (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner.  $\frac{1}{2}$  lb., 15c; 1 lb. bag, 23c; 4 lbs., 65c.

**BLACK LEAF 40,** is a solution of Nicotine Sulfate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. bottle, 35c; 5 oz. can, \$1.00, makes 40 to 100 gallons; 1 lb. bottle, \$2.25, makes 100 to 200 gallons; 2 lb. can, \$3.25, makes 200 to 500 gallons; 5 lb. can, \$5.85, makes 400 to 1000 gallons; 10 lb. can, \$9.85, makes 840 to 2100 gallons.

**BORDEAUX MIXTURE.** (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. 1 lb. bag, 25c; 4 lb. bag, 60c.

**CALCIUM, ARSENATE.** (Dry.) Lb., 20c; 4 lbs., 45c.

**CYANOGAS A. DUST.** Kills ants, moles, mice, rats, groundhogs and prairie dogs. (By express only.) 4 oz. tin, 30c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.

**CYANOGAS CALCIUM CYANIDE "G."** Greenhouse fumigant. Aphid, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Write for leaflet.

**DOGZOFF.** Breaks dogs of bad habits. Spray underneath your evergreens, and guard them completely against the depredation of dogs. Non-poisonous. Per bottle, 60c; by mail, 70c.

**DRY LIME SULPHUR.** For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. 1 lb., 30c; 5 lbs., \$1.25; 25 lbs., \$3.50.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Qt., 50c; 1 gal., \$1.25; 5 gal., \$6.25.

**DUSTING SULPHUR.** For controlling mildew, black spot and leaf spot on roses and other flowers and red spider on evergreens. Recommended by Experiment Stations and garden magazines. 3-lb. carton, 40c.



**NEW EVERGREEN SPRAY.** Non-poisonous insecticide. No spreader required; retains its strength. Oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00.

**GARDEN GUARD.** "Guards Your Garden." An all-around garden insecticide. No sprayer needed. Just sift it on the foliage from the shaker top carton. Lb. carton, 25c; 5-lb. bag, 75c.

**PARIS GREEN.** A poisonous insecticide in powder form; for insects which chew.  $\frac{1}{4}$  lb., 15c; 1 lb., 45c.

**ROTECIDE.** The Standard Rotenone Spray is the most modern and fool-proof method of insect control. Roteicide is a complete spray, simply add water. It kills every type of insect, worm or beetle. Very good for Mexican bean beetle. Harmless to delicate plants and non-poisonous to humans, animals, and bird life. 1 oz. bottle, 35c; 8 oz. bottle, \$1.00; pint, \$1.75.

**ROTECIDE INSECT DUST.** The standard rotenone dust for killing insects in greenhouses, stables, dog kennels and in the field. 1 lb., 35c; 5 lbs., \$1.00.

**NICO ROTE.** A scientific blend of the two most powerful insect poisons. It gives the grower three effective methods of insect destruction: By contact, stomach poison and by fumes. Quart can, \$4.00; gallon, \$12.00.

**SHEPS PLANT SPRAY.** An effective non-poisonous solution that kills and controls both sucking and chewing insects. 2-oz. bottle, 35c;  $\frac{1}{2}$  pt., 75c; pt., \$1.25; qt. \$2.00.

**SLUG SHOT, Hammond's.** Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb., 25c; 5-lb. tin, \$1.00; 25-lb. bag, \$4.00.

**SNAROL.** An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price,  $1\frac{1}{2}$  lb., 35c; 4 lbs., 85c; 15 lbs., \$3.00; 50 lbs., \$8.00.

**TOBACCO DUST.** Tobacco dust is fine for dusting plants against lice. 1 lb., 10c; 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.50.

**GARDEN VOLCK.** A Volck-Nicotine combination spray that offers the home gardener as nearly complete a garden spray as can be put in one package. It is used to control Aphid, Thrips, Scale, Mealybug, Red Spider.  $3\frac{1}{2}$  oz., 35c; 1 pt., \$1.00; 1 qt., \$1.50; 1 gal., \$4.00.

## Seed Disinfectants

### Semesan Bel

An Instantaneous Dip Disinfectant for Seed Potatoes. 4 oz. tin, 50c; 1 lb. tin, \$1.75; 5 lb. tin, \$8.00; 25 lb. pail, \$31.25.

### New Improved Ceresan

A Dust Disinfectant for Wheat, Oats, Barley. 1 lb. tin, 75c; 5 lb. tin, \$3.00; 25 lb. pail, \$12.50.

### Semesan

A General Disinfectant for many Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases. 2 oz. tin, 50c; 1 lb. tin, \$2.50.

### Semesan, Jr.

A Dust Disinfectant for Seed Corn. 4 oz. tin, 40c; 1 lb. tin, \$1.50; 5 lb. tin, \$7.00; 25 lb. pail, \$28.75.

# Garden Tools and Supplies

## Compressed Air Sprayers

### Perfection Sprayer

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price, galvanized, \$5.90 ea.; by mail, \$6.25.



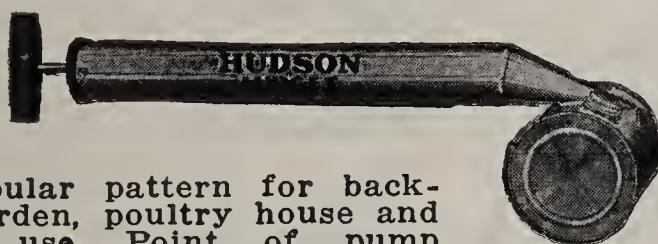
### Junior Sprayer

Similar to the Hudson Perfection but smaller. Capacity, 2½ gallons. Price, galvanized, \$4.50; by mail, \$4.75.

### Climax Sprayer

The Climax Compressed Air Tank Sprayer is a very fine pattern in the low priced field. It will do all the things that can be done with the more expensive sprayers. This pattern is fitted with our new Funnel Fill feature and for that reason is more popular than ever. Capacity 3 7/8 gallons. Price, galvanized, \$3.75 ea.; by mail, \$4.00.

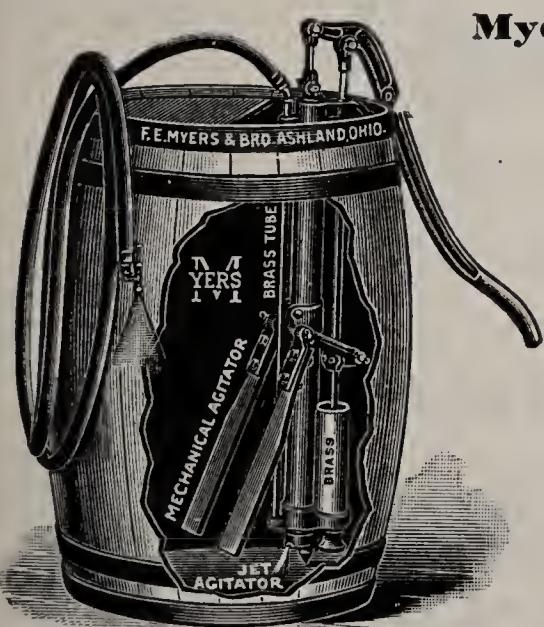
### Hand Sprayers



A popular pattern for backyard garden, poultry house and similar use. Point of pump passes through top of tank and is securely soldered, making a very sturdy construction.

**CONTINUOUS SPRAYER.** Gives a continuous spray. Capacity, one quart. Price, 65c ea.; by mail, 75c.

**MISTY SPRAYER:** 1 quart size. Price, 45c. Glass Jar: 1 quart size, 70c. **Midget Sprayer:** 1 pint size, 25c.



### Myers Barrel Spray Pump

The Myers Improved Brass Barrel Spray Pump No. 305, with bronze ball valves, brass cylinder and discharge pipe, is, we believe, the best. Largely used for orchard spraying and for whitewashing.

Price, complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, but not including barrel. Price, \$14.00.

**Myers Little Giant Brass Spray Pump.** This sprayer is similar to the barrel pump in operation except that it can be used with a bucket. Price, \$3.50 each.

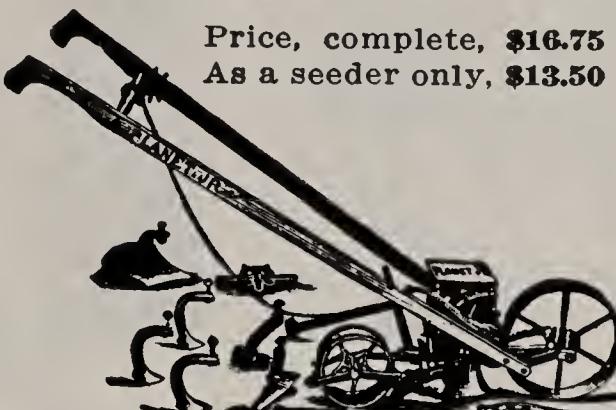
**Hudson Trombone Sprayer:** This pump handles all solutions and is adapted for all classes of work, is double acting and continuous. Price, \$2.75 each.

**Hudson Sunshine Portable Sprayer:** This wheelbarrow type sprayer is sturdy, yet light in weight. 12 ½ gal. capacity galvanized tank is mounted on a one wheel truck. Price, \$10.50 each.

### Planet, Jr., Garden Tools

#### No. 4 Planet, Jr., Hill and Drill Seeder and Single Wheel Hoe Combined

Price, complete, \$16.75  
As a seeder only, \$13.50



Plants all garden seeds accurately in hills or drills; hoes, cultivates and plows quickly and thoroughly. Popular with farmers and gardeners everywhere.

#### No. 3 Planet, Jr., Hill and Drill Seeder

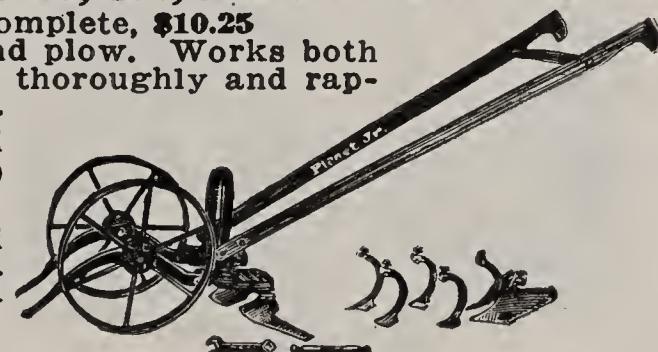
Particularly suitable for the market gardener's use. Light and easy running. Sows all vegetable seeds accurately and uniformly, either in hills or drills. The seed flow is under instant control, rendering it economical in use. Equipped with an adjustable opening plow, coverers, and marker rod. Price \$16.50.

#### No. 12 Planet, Jr., Double Wheel Hoe

Price, complete, \$10.25

Cultivator and plow. Works both sides of plants thoroughly and rapidly at one passage until crops are 20 inches high.

Wonderful garden cultivator and money saver.



#### No. 13 Planet, Jr., Double Wheel Hoe

is the No. 12 with 6 inch hoes only. Price \$7.60. Any or all the other attachments shown with No. 12 may be added.

A complete descriptive catalogue of Planet, Jr., Farm and Garden Tools will be sent on request.

### Standard Garden Tools



#### Standard Single Wheel Cultivator

A light, strong, well balanced tool, light draft and easy to handle. Has 24 inch wheel. Equipped as shown in cut. Price \$3.50.

#### Standard No. 5 Double Wheel Cultivator

This spring beam double wheel tool is a great favorite with all who use it. The handles bolted to the spring beam allow them to be moved to and from each other very easily. Equipped with four shovels, one pair hoes, one pair diamonds, one pair rakes and two leaf guards. Price \$8.20.

Single Shovel Plows, steel beam.....\$4.75

Double Shovel Plows, steel beam.....5.00

One Horse Cultivators, 5 shovels, with lever

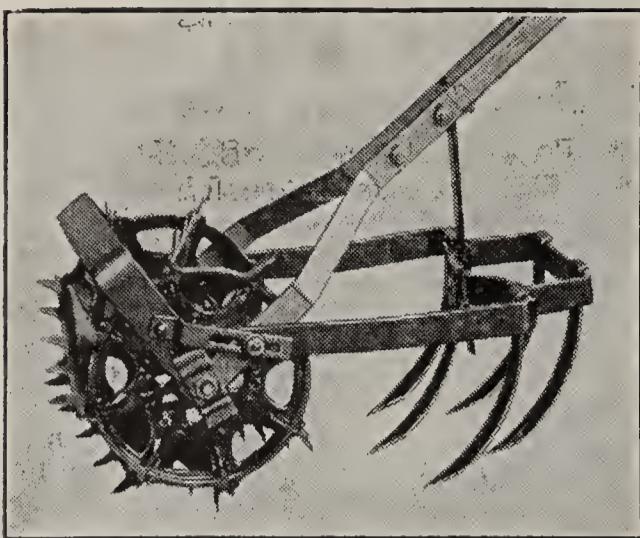
spread and Gauge Wheel.....8.75

One Horse Fourteen Tooth Harrows with lever

spread and Gauge Wheel.....8.75

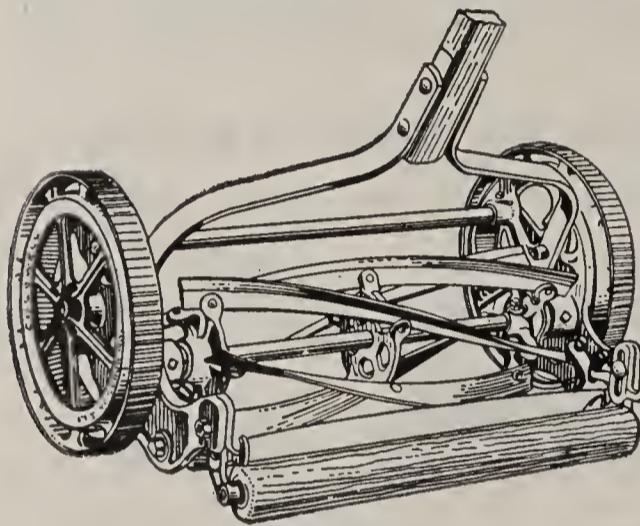
Write for our catalogue illustrating full line of garden tools.

## Rotary Cultivator



A remarkable new Garden Tool—weed, hoe and mulch as fast as you can walk. Pushes very easily. 8 in., \$4.85; 10 in., \$5.25.

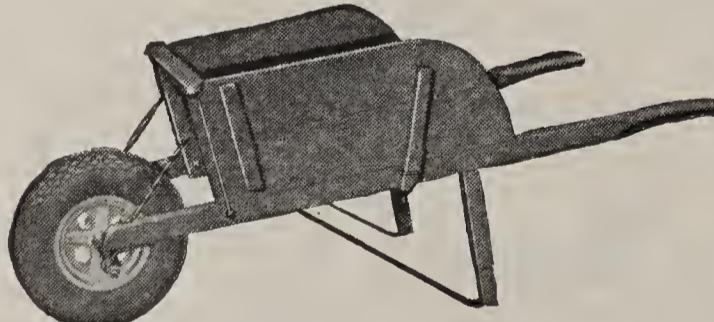
## COLDWELL LAWN MOWERS



### Bluebird

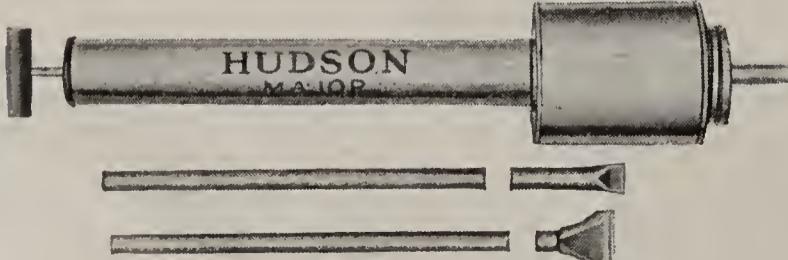
A quality mower of medium weight useful as a general all-purpose machine for well kept lawns. It is handy on both small grass plots and larger areas and requires minimum attention. A popular mower for gardeners, estate use and institutional requirements. This five blade machine has 10 in. wheels and the Norman Hoffman ball bearings. Price: 16 in. cut, \$11.75; 18 in. cut, \$12.50.

### Garden Barrow



The handy tool which can be used for many purposes in garden work. Good construction. With steel tire. Each, \$6.75. Rubber tires extra.

### Hudson Major Duster



The Major handles Paris Green, Arsenate of Lead, Calcium Arsenate, and similar poisons very efficiently. It is used for home gardens, on truck plots, in cotton, potato and tobacco fields, in the dairy barn, around the poultry houses, etc. Powder reservoir holds about 1 lb., large filler cap makes loading easy, weight about 2 lbs. \$1.15 each.



## Reliance Hose

A moulded hose, very sturdily constructed with fabric and rubber. For garden or lawn use. 5/8", 25 foot length..... \$1.69  
5/8", 50 foot length..... 3.19  
Complete with couplings.

## Crackproof Hose

High pressure, well constructed quality hose. Will last indefinitely. 1/2", 50 foot length..... \$5.50  
3/4", 50 foot length..... 6.25  
Complete with couplings.



## Hose Nozzle and Repairs

Nozzles ..... 29c and 45c  
Menders ..... 25c  
Coupling ..... 25c  
Clamps ..... 5c

The above come in 1/2", 5/8", 3/4".

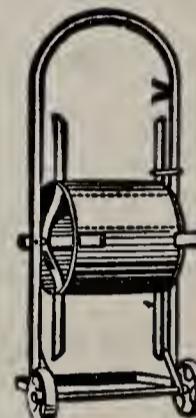
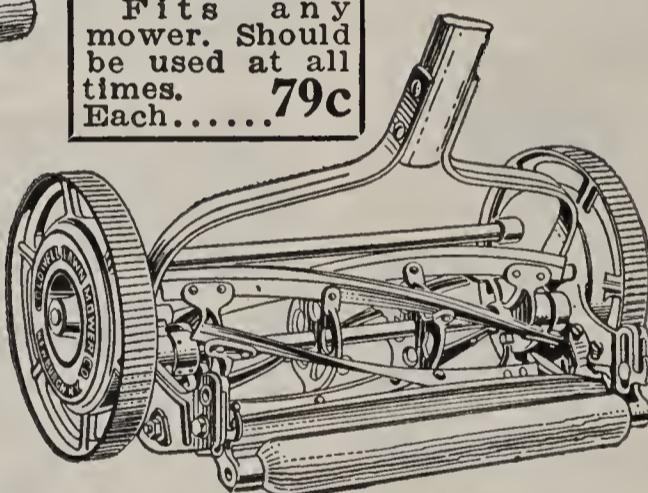
Nozzles ..... 29c and 45c  
Menders ..... 25c  
Coupling ..... 25c  
Clamps ..... 5c

## Ventnor

A mower recommended for use on the average lawn. It is strong, durable, light in weight, and requires a minimum effort to operate. This moderate priced machine has many features contained in a higher priced mower including 10 in. wheels and case hardened ball bearings. 4 blades. Price: 14 in. cut, \$6.25; 16 in. cut, \$6.45.

### Grass Catchers

Fits any mower. Should be used at all times. Each..... 79c

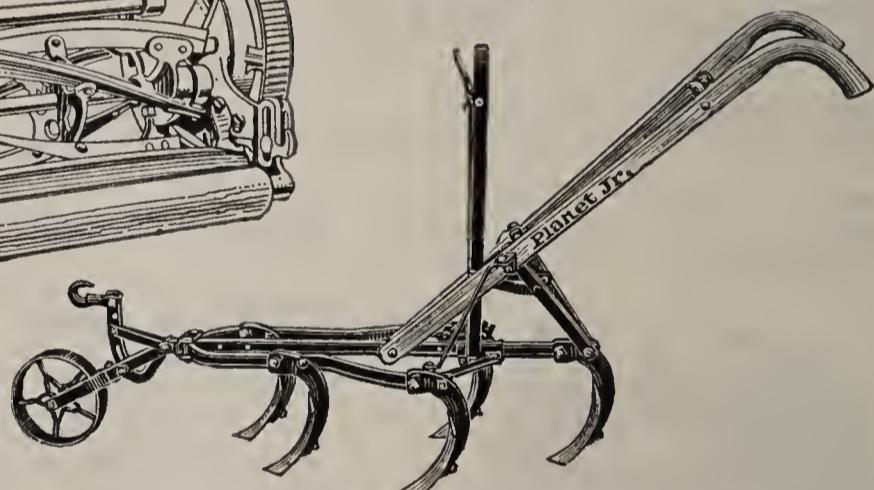


## Hose Reel

The life of your garden hose depends on the care you give it. One of these 100 foot reels should always be used.

Only ..... \$1.29

## Planet Jr. Horse Hoe and Cultivator



A very essential tool for garden work. It can be used for both shallow and deep cultivation.

No. 100—With wheel..... \$8.35  
No. 100D—No wheel ..... 6.75  
No. 101—Like picture ..... 9.90

## HOTKAPS



protect plants against birds, insects, rain, frost, hail or wind. They force growth and bring maturity 2 to 3 weeks sooner. Yield

is increased 10 to 25 per cent. Each HOTKAP is a miniature hothouse for the plant underneath. Prices: 1,000 for \$9.75; 250 package with setter and tamper, \$3.65; 100 package with setter and tamper, \$2.40; steel setter, \$1.50. Garden setter, 50c. Postage extra.

**Village Blacksmith Tools!**  
**ALL ARE MADE OF**  
**FORGED TOOL STEEL**  
**QUALITY**

**Nº 2219**  
**DIBBLES**



PRICE  
EACH 55¢

**Nº 219**  
**DANDELION**  
**DIGGERS OR**  
**ASPARAGUS**  
**KNIVES**



PRICE  
EACH 35¢

**Nº 830**  
**WEEDERS**



PRICE  
EACH 45¢

**Nº 179**  
**ALL STEEL**  
**PRUNING**  
**SCHEARS**



PRICE  
EACH \$1.00

**Nº T 20**  
**GARDEN**  
**TROWELS**



PRICE  
EACH 25¢

**Nº 3**  
**GRASNIPS**  
EASY SPRING ACTION  
HOLLOW GROUND BLADES  
EASY GRIP HANDLES

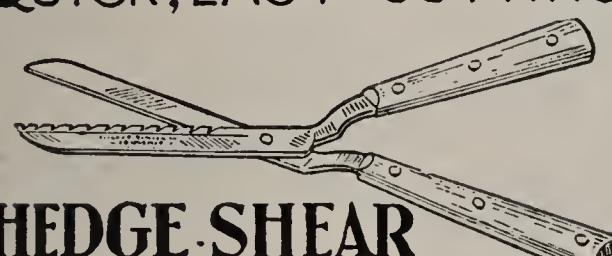


PRICE  
EACH 65¢

**TRIM YOUR HEDGE**  
 WITH AN ALL-STEEL



**SAW-TOOTH**  
 QUICK, EASY-CUTTING



**HEDGE-SHEAR**

*-The Blades will stay sharp—  
-The Handles will not come off—*

|            |        |     |
|------------|--------|-----|
| 6 in.....  | \$1.00 | ea. |
| 8 in.....  | 1.60   | ea. |
| 10 in..... | 2.10   | ea. |
| 12 in..... | 2.95   | ea. |

**Sickles or Grass Hooks**

Dutch Sickle ..... 39¢  
 Tempered, Best Quality ..... 50¢

**Trellis and Archways**

|                                    |        |
|------------------------------------|--------|
| Fan-Trellis.                       |        |
| 6 foot .....                       | \$0.86 |
| 8 foot .....                       | 1.06   |
| Diamond Trellis.                   |        |
| 17½ inches wide, 8 feet tall ..... | .86    |
| Trellis—as shown by cut.           |        |
| 30 inches wide, 8 feet high .....  | 1.44   |
| Leader Pergola No. 65.             |        |
| 6'6" high, 60 inches wide          | 4.00   |
| All painted snow white.            |        |
| Write for circular.                |        |

**Doo-Klip Grass Shear**

Each, \$1.50. By mail, \$1.60.



Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large" —for men: "Medium," and "Large." Price, 75¢ a pair, postpaid.

**Handy Garden Set**

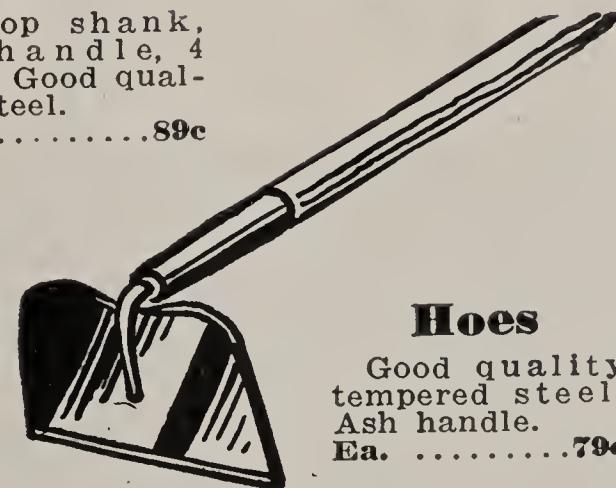


All steel. Very durable.  
 Per set ..... 29¢

**Spading Forks**

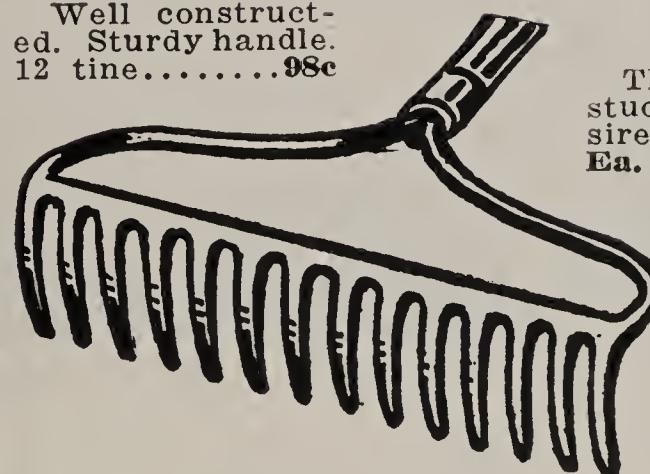


Strop shank,  
 ash handle, 4  
 tine. Good qual-  
 ity steel.  
 Ea. ..... 89¢



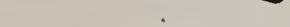
**Steel Bow Garden Rake**

Well construct-  
 ed. Sturdy handle.  
 12 tine ..... 98¢



**Hoes**

Good quality  
 tempered steel.  
 Ash handle.  
 Ea. ..... 79¢



**Rip Sprinkler**

This master rain maker can be stuck into the ground any place de-  
 sired and adjusted to cover any area.  
 Ea. ..... 79¢

**Crescent  
Lawn  
Sprinkler**

Price ea. .... 75¢



**Portable Sprinklers**



**A Durable, Efficient  
Low Priced Sprinkler  
System.**



Adjustable Heads.  
 Made to use three  
 in a line twenty-  
 five feet apart.

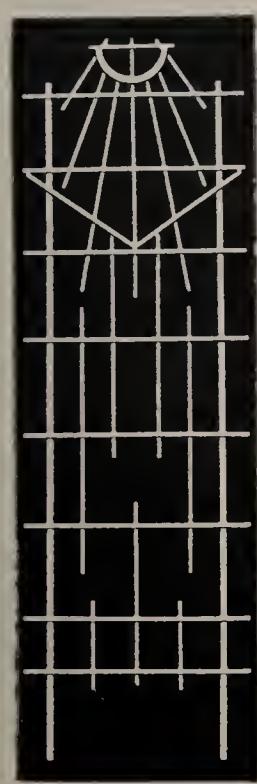
Per set of 3 ..... \$1.70

**Sprinkling Cans**

|                |        |
|----------------|--------|
| 4 quart .....  | \$0.55 |
| 6 quart .....  | .65    |
| 8 quart .....  | .75    |
| 10 quart ..... | .90    |
| 12 quart ..... | 1.10   |

Brass No-leak spout.

TO BE STUCK  
INTO GROUND



## VEGETABLE INDEX

|                  | Page |                 | Page |             | Page |
|------------------|------|-----------------|------|-------------|------|
| Asparagus        | 4    | Cucumber        | 11   | Peas        | 16   |
| Asparagus Roots  | 41   | Dill            | 11   | Pepper      | 17   |
| Beans            | 4-5  | Egg Plant       | 11   | Pumpkin     | 20   |
| Beet             | 6    | Endive          | 12   | Radish      | 18   |
| Brussels Sprouts | 6    | Herbs           | 11   | Rhubarb     | 41   |
| Cabbage          | 7    | Kohl Rabi       | 12   | Ruta Baga   | 20   |
| Caraway          | 11   | Lavender        | 11   | Sage        | 11   |
| Carrot           | 8    | Lawn Grass      | 37   | Salsify     | 20   |
| Cauliflower      | 8    | Lettuce         | 12   | Spinach     | 19   |
| Celeriac         | 9    | Mangel Wurzel   | 6    | Squash      | 19   |
| Celery           | 8    | Marjoram, Sweet | 11   | Sunflower   | 33   |
| Chinese Cabbage  | 9    | Musk Melon      | 13   | Swiss Chard | 6    |
| Chives           | 9    | Water Melon     | 14   | Tobacco     | 20   |
| Collards         | 6    | Mustard         | 12   | Thyme       | 11   |
| Corn             | 10   | Okra or Gumbo   | 13   | Tomato      | 21   |
| Corn Salad       | 9    | Onion           | 15   | Turnip      | 20   |
|                  |      | Parsnip         | 17   |             |      |

## FLOWER INDEX

|                         | Page |                         | Page  |                              | Page |
|-------------------------|------|-------------------------|-------|------------------------------|------|
| Abronia                 | 22   | Digitalis               | 27    | Mimosa                       | 30   |
| Achillea                | 22   | Dimorphotheca           | 26    | Moon Flower                  | 28   |
| Acroclinium             | 22   | Dusty Miller            | 25    | Morning Glory                | 28   |
| Adonis                  | 22   | Erinus                  | 27    | Morning Glory, Heavenly Blue | 28   |
| African Daisy           | 26   | Eschscholtzia           | 27    | Moss Rose                    | 32   |
| Ageratum                | 22   | Evening Primrose        | 30    | Myosotis                     | 30   |
| Alyssum                 | 22   | Evening Scented Stock   | 30    | Nasturtium                   | 30   |
| Amaranthus              | 22   | Everlastings            | 33    | Nicotiana                    | 30   |
| Anchusa                 | 22   | False Dragon Head       | 31    | Nigella                      | 30   |
| Antirrhinum             | 22   | Forget-me-not           | 30    | Oenothera                    | 30   |
| Aquilegia               | 25   | Four O'Clock            | 27    | Painted Daisy                | 32   |
| Arabis                  | 23   | Foxglove                | 27    | Painted Tongue               | 37   |
| Arctotis                | 23   | Gaillardia              | 27    | Pansy                        | 30   |
| Asclepias               | 23   | Geranium                | 27    | Periwinkle                   | 35   |
| Aster                   | 23   | Gerbera                 | 27    | Petunia                      | 31   |
| Baby's Breath           | 27   | Geum                    | 27    | Pheasant's Eye               | 22   |
| Baby Primrose           | 32   | Gilia                   | 27    | Phlox Drummondii             | 31   |
| Bachelor's Button       | 25   | Gladiolus               | 94-95 | Physalis                     | 31   |
| Balloon Vine            | 23   | Globe Amaranth          | 27    | Physostegia                  | 31   |
| Balsam                  | 23   | Gloxinia                | 27    | Pinks                        | 26   |
| Blanket Flower          | 27   | Godetia                 | 27    | Platycodon                   | 41   |
| Blue Lace Flower        | 26   | Golden Feather          | 32    | Poppy                        | 32   |
| Brazilian Morning Glory | 28   | Gourd                   | 27    | Portulaca                    | 32   |
| Butterfly Wild Flower   | 23   | Gypsophila              | 27    | Primula                      | 32   |
| California Poppy        | 27   | Helianthus              | 27    | Pyrethrum                    | 32   |
| Calliopsis              | 24   | Helichrysum             | 27    | Ranunculus                   | 41   |
| Campanula               | 24   | Heliotrope              | 28    | Ricinus                      | 32   |
| Candytuft               | 24   | Hesperis Matronalis     | 28    | Rock Cress                   | 23   |
| Canna                   | 24   | Heuchera                | 28    | Salpiglossis                 | 32   |
| Canterbury Bell         | 24   | Hibiscus                | 28    | Salvia                       | 33   |
| Cardinal Climber        | 24   | Hollyhock               | 28    | Sand Verbena                 | 22   |
| Cardiospermum           | 23   | Iberis                  | 28    | Scabiosa                     | 33   |
| Carnation               | 24   | Incarvillea             | 28    | Scarlet Runner Bean          | 23   |
| Castor Bean             | 32   | Ipomoea                 | 28    | Sedum                        | 33   |
| Celosia                 | 24   | Ipomoea Quamoclit       | 26    | Sensitive Plant              | 30   |
| Centaurea               | 25   | Jack-and-the-Bean-Stalk | 28    | Shasta Daisy                 | 33   |
| Chinese Forget-me-not   | 26   | Joseph's Coat           | 22    | Snapdragon                   | 22   |
| Chinese Lantern         | 31   | Kochia                  | 28    | Sneezewort                   | 22   |
| Chrysanthemum           | 25   | Kudzu Vine              | 28    | Statice                      | 33   |
| Clarkia                 | 25   | Lace Fern               | 28    | Stock                        | 33   |
| Cobaea Scandens         | 25   | Lady's Slipper          | 23    | Straw Flowers                | 27   |
| Cockscomb               | 24   | Lantana                 | 28    | Summer Forget-me-not         | 22   |
| Coleus                  | 25   | Larkspur                | 29    | Sunflower                    | 33   |
| Columbine               | 25   | Lathryus                | 29    | Sweet Pea                    | 34   |
| Convolvulus             | 30   | Lavender                | 29    | Sweet Sultan                 | 25   |
| Coral Bells             | 28   | Linaria                 | 29    | Sweet William                | 35   |
| Coreopsis               | 25   | Linum                   | 29    | Texas Blue Bonnet            | 29   |
| Cosmos                  | 26   | Lobelia                 | 29    | Thunbergia                   | 35   |
| Cynoglossum             | 26   | Love-in-a-Mist          | 30    | Verbena                      | 35   |
| Cypress Vine            | 26   | Love-lies-Bleeding      | 22    | Vinca Rosea                  | 35   |
| Dahlia                  | 26   | Lunaria                 | 29    | Viola Cornuta                | 35   |
| Daisy                   | 26   | Lupin                   | 29    | Virginian Stock              | 35   |
| Delphinium              | 26   | Mallow                  | 28    | Zinnia                       | 36   |
| Dianthus                | 26   | Marigold                | 29    |                              |      |
| Didiscus                | 26   | Matthiola               | 30    |                              |      |

## MISCELLANEOUS INDEX

|                      | Page |              | Page |                      | Page |
|----------------------|------|--------------|------|----------------------|------|
| Cultivators          | 47   | Hedge Shears | 2-49 | Sprinklers           | 2-49 |
| Fertilizers          | 45   | Insecticides | 46   | Seed Disinfectants   | 46   |
| Fertilizer Spreaders | 2    | Inoculation  | 9    | Spading Forks        | 49   |
| Garden Tools         | 48   | Lawn Rakes   | 2-49 | Trellis and Archways | 2-49 |
| Garden Spades        | 2-49 | Sprayers     | 47   | Trowels              | 2-49 |
| Garden Hoes          | 2-49 |              |      |                      |      |

## TREE, PLANT, SHRUB AND BULBS

|              | Page  |                 | Page |                  | Page  |
|--------------|-------|-----------------|------|------------------|-------|
| Apple Trees  | 44    | Evergreen Trees | 44   | Plum Trees       | 44    |
| Bulbs        | 38-39 | Gooseberries    | 44   | Raspberry Bushes | 44    |
| Blackberries | 44    | Grapes          | 44   | Rose Bushes      | 43    |
| Cherry Trees | 44    | Hedge Plants    | 43   | Perennial Plants | 40-41 |
| Currants     | 44    | Pear Trees      | 44   |                  |       |



TALISMAN

## HAMILTON'S ROSE COLLECTION



RED RADIANCE

These three extra fine hardy 2-year-old Roses will bloom first year.

See page 43 for full description



PINK RADIANCE

**3**

HARDY  
ROSE  
BUSHES

**\$1 40**  
Postpaid



## 11 Varieties—All Different Our Winner Collection 5 Bulbs Ea.—55 in All

No. 1. Blooming size bulbs—strong growers and very brilliant colors, displaying harmony and grace.

AFLAME. Tall large scarlet.  
ALBANIA. Medium size—Pure white.  
LOS ANGELAS. A very good pink.  
CHAS DICKENS. Tall purple rose.  
GOLD EAGLE. Early deep gold yellow.  
GLOREANA. Tall orange salmon.

**55**      **\$1**  
**Extra Large**  
**BULBS**

LONGFELLOW. Fine watermelon pink.  
MRS. F. C. PETERS. Good lavender.  
MRS. W. RICHARDSON. Deep rose red.  
MRS. LEON DOUGLAS. Large pink.  
PFITZERS TRIUMPH. Large salmon orange.



## Berry Collection

10 Chief, earliest Red Raspberry.

10 Latham, main crop Red Raspberry.

10 Cumberland, Black Raspberry.

Just the right number for the home garden. All are best varieties, hardy and heavy fruiting.

**30**      **Hardy**      **\$1 45**  
Bushes      Postpaid



For full  
description  
see page 44



## Strawberries

25—Senator Dunlap  
25—Giant Everbearing  
Mastodon  
25—Blakemore  
All No. 1 strong  
freshly dug plants.

**ALL**      **95¢**  
for      Postpaid

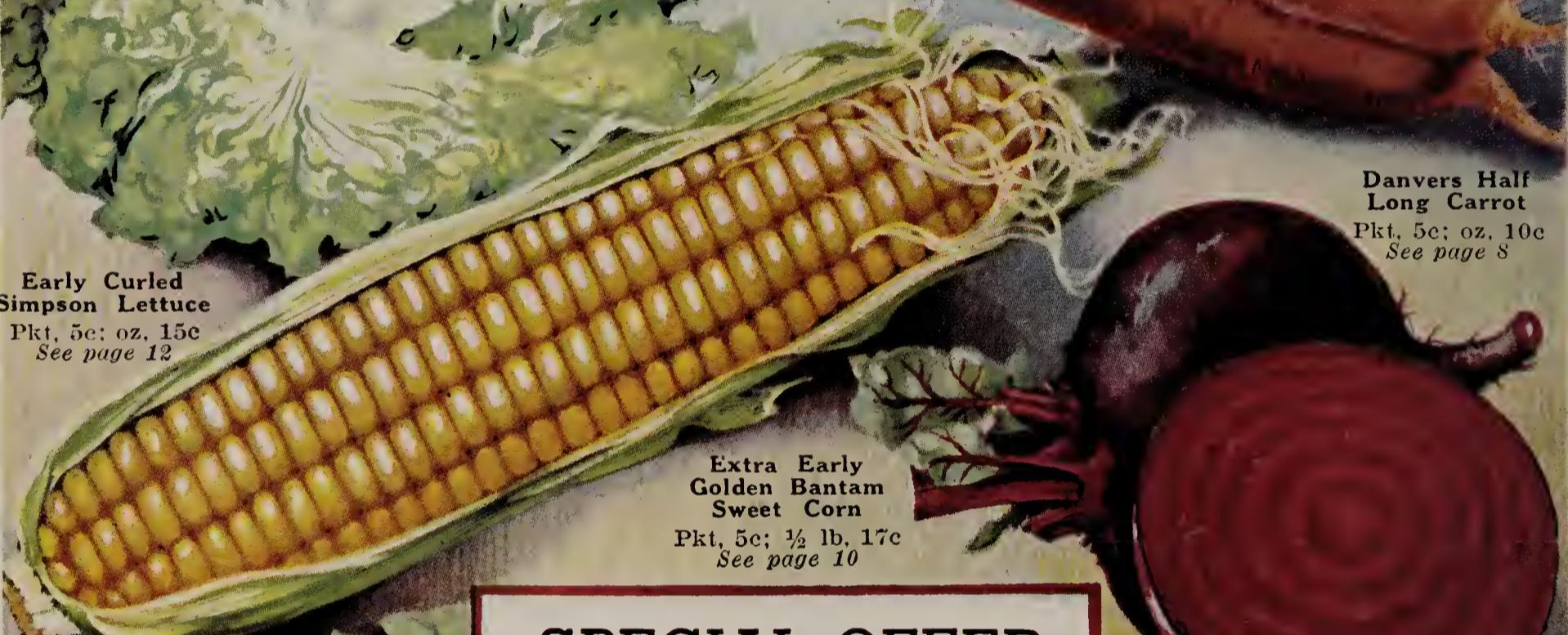
## APPLE COLLECTION

3-5 ft. size

**1** Yellow Transparent  
**1** Northwest Greening  
**1** Jonathan  
**1** Delicious  
**1** Grimes Golden      **{ \$2 75**  
Postpaid



Early Curled  
Simpson Lettuce  
Pkt, 5c; oz, 15c  
See page 12



Extra Early  
Golden Bantam  
Sweet Corn  
Pkt, 5c; 1/2 lb, 17c  
See page 10



Danvers Half  
Long Carrot  
Pkt, 5c; oz, 10c  
See page 8



Detroit Dark Red  
Beet  
Pkt, 5c; oz, 15c  
See page 6

**SPECIAL OFFER  
of  
POPULAR VARIETIES**

|   |            |
|---|------------|
| 1 oz. Ey. Curled Simpson Lettuce .....    | <b>15c</b> |
| 1 oz. Danvers Half Long Carrot .....      | <b>10c</b> |
| 1 lb. Extra Ey. Golden Bantam Sweet Corn. | <b>17c</b> |
| 1 oz. Detroit Dark Red Beet .....         | <b>15c</b> |
| 1/2 lb. Imp. Golden Wax Beans .....       | <b>20c</b> |
| 1/2 lb. Little Marvel Peas .....          | <b>20c</b> |
| <b>Total Value .....</b>                  | <b>97c</b> |

6 Varieties for 75c Postpaid

Improved Golden  
Wax Beans  
Pkt, 5c; 1/2 lb, 20c  
Lb. 30c  
See page 5



Little Marvel Peas  
Pkt, 5c; 1/2 lb, 20c  
See page 16

**HAMILTON SEED & COAL CO., Cedar Rapids, Ia.**